<table>
<thead>
<tr>
<th>CONTENTS</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>1</td>
</tr>
<tr>
<td>General Information</td>
<td>2</td>
</tr>
<tr>
<td>The Graduate Program</td>
<td>2</td>
</tr>
<tr>
<td>General Regulations</td>
<td>2</td>
</tr>
<tr>
<td>Admission to Graduate or</td>
<td></td>
</tr>
<tr>
<td>Post-Baccalaureate Study</td>
<td>2</td>
</tr>
<tr>
<td>Admission to Candidacy for Degree</td>
<td>2</td>
</tr>
<tr>
<td>Advisors</td>
<td>3</td>
</tr>
<tr>
<td>Transfer of Credit</td>
<td>3</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>3</td>
</tr>
<tr>
<td>Financial Assistance</td>
<td>3</td>
</tr>
<tr>
<td>Requirements for Master's Degrees</td>
<td>4</td>
</tr>
<tr>
<td>Examinations</td>
<td>4</td>
</tr>
<tr>
<td>Thesis</td>
<td>4</td>
</tr>
<tr>
<td>Application for the Degree</td>
<td>4</td>
</tr>
<tr>
<td>Conferral of Degrees</td>
<td>5</td>
</tr>
<tr>
<td>Sequential Responsibilities of Candidates in Master's Degree Programs</td>
<td>5</td>
</tr>
<tr>
<td>Programs for Master's Degrees</td>
<td>5</td>
</tr>
<tr>
<td>Master of Arts in Teaching—Elementary Education</td>
<td>5</td>
</tr>
<tr>
<td>Master of Arts in Teaching—Junior High School</td>
<td>6</td>
</tr>
<tr>
<td>Master of Arts in Teaching—Secondary Education</td>
<td>6</td>
</tr>
<tr>
<td>Master of Arts in Teaching—Internship in Junior and Senior High School Education</td>
<td>7</td>
</tr>
<tr>
<td>Courses Acceptable for Graduate Credit</td>
<td>8-12</td>
</tr>
<tr>
<td>Master of Arts in Teaching—Special Education</td>
<td>11</td>
</tr>
<tr>
<td>Teachers of the Deaf</td>
<td>11</td>
</tr>
<tr>
<td>Master of Music Education</td>
<td>13</td>
</tr>
<tr>
<td>Master of Music</td>
<td>15</td>
</tr>
<tr>
<td>In Composition</td>
<td>15</td>
</tr>
<tr>
<td>In Music Theory</td>
<td>15</td>
</tr>
<tr>
<td>In Instrumental Music</td>
<td>15</td>
</tr>
<tr>
<td>In Vocal Music</td>
<td>16</td>
</tr>
<tr>
<td>Class Schedule</td>
<td>17</td>
</tr>
</tbody>
</table>
ADMINISTRATION

President ...................................................... John R. Howard,
L. L. D.

Dean of Faculty ............................................ Anthony J. Ostroff,
M. A.

Assistant Dean of Faculty and
Chairman, Financial Aids Committee .......... John K. Richards,
Mus. D.

Dean of Students ........................................... Kent T. Hawley,
Ed. D.

Director of Graduate Studies ......................... C. D. Babcock,
Ed. D.

Assistant Director of Graduate Studies
(Interns) .................................................. Alan G. Robertson,
M. Mus. Ed.

Assistant Director of Graduate Studies
(Secondary) ............................................... Bernard R. Wolff,
Ed. D.

Assistant Director of Graduate Studies
(Special Education, Teachers of the Deaf) ..... H. William Brelje,
M. Ed.

Graduate Studies Committee:

John L. Anderson, D. D., Chairman
C. D. Babcock, Ed. D., Director of Graduate Studies
Donald G. Balmer, Ph. D., Chairman, Department of Political Science
Robert F. Deery, Ph. D., Assistant Professor of Physics
Lucht, Wm., Ph. D., Associate Professor of English
Eldon Fix, M. S., Chairman, Department of Health and Physical Education
Elvy Fredrickson, Ph. D., Chairman of Department of Mathematics
Dale O’Bannon, Ph. D., Assistant Professor of Economics
John K. Richards, Mus. D., Assistant Dean of Faculty
Anthony J. Ostroff, M. A., Dean of Faculty
GENERAL INFORMATION

The Graduate Program

Graduate and post-baccalaureate programs for teacher certification offer students a variety of programs for advanced study. Advanced degree programs are offered in three areas: (1) The Master of Arts in Teaching at the Elementary, Junior High School and High School levels, and Special Education for Teachers of the Deaf; (2) The Master of Music Education for the music specialist in public schools; and (3) The Master of Music, a professional degree in Music.

The Master of Arts in Teaching degree is designed to meet the needs of teachers at all levels of teaching in the public or private schools who wish to complete work for the 5th year certificate and at the same time work toward an advanced degree. The program is characterized by flexibility and is tailored to meet the needs of individual students.

The Master of Music Education degree is planned to complete the requirements of the 5th year certificate in Music Education. This program is also a flexible one based upon the needs of the individual students.

The Master of Music degree is a professional degree for students who intend to make music a profession. Each program is based upon previous education, experience, and proficiency of the artist-student.

Specific programs and course descriptions for the above degrees will be found beginning on page 4.

Programs of study are available for students working toward the completion of the 5th year certificate. Such programs need not lead to any one of the Master's degrees outlined above.

GENERAL REGULATIONS

Admission to Graduate or Post-Baccalaureate Study

Admission may be granted by the Graduate Com-
mittee on Admissions and Qualifications to individuals who have received a bachelor's degree from an accredited college or university. In the case of candidates for the Master of Arts in Teaching or the Master of Music Education, the undergraduate work must have been completed in an institution which is recognized by the State Department of Education of Oregon. The candidate must also hold, be eligible for, or be a candidate for an Oregon teaching certificate or its equivalent.

(Please see page 12 for requirements for admission to graduate study in music.)

A cumulative grade point average of 2.5 in the last two years of undergraduate work is required for admission. The Graduate Committee on Admissions and Qualifications may waive the 2.5 requirement provided the Graduate Record Examination (Aptitude Section) scores are enough above the norm to indicate probable success in the graduate program.

In addition to the Aptitude Section of the Graduate Record Examination, the Graduate Committee on Admissions and Qualifications will require references of the candidate and will approve admission for those who possess academic, personal, and professional qualities acceptable to the committee.

Admission to post-baccalaureate study leading to certification is accomplished by the usual process of admission to the Teacher Education Program (see College Catalog, Department of Education supplement).

Application blanks for admission to graduate or post-baccalaureate study may be obtained from the office of the Director of Graduate Studies.

ADMISSION TO GRADUATE OR POST-BACCA-
LAUREATE STUDY IS NOT TO BE CONSIDERED AS
ADMISSION TO CANDIDACY FOR THE DEGREE.

Admission to Candidacy for the Degree

The student may make application for admission to candidacy for a degree during his first term of study.
The Graduate Studies Committee in Education or in Music, as the case may be, will consider the application when the student has completed one full term's work (3 full courses). Under no circumstance may the application for candidacy be delayed beyond the second term of study. No credit beyond six courses will be granted to an advanced degree until the application for candidacy has been considered and approved by the Graduate Studies Committee in Education or Music.

Application forms for admission to candidacy for the degree may be secured from the office of the Director of Graduate Studies.

Advisors

The Director of Graduate Studies will assign an advisor to each student. The advisor will be either the chairman of the student's academic department or some member of that department designated by the department chairman. The advisor will become the chairman of the student's advisory committee. The other member on the committee will be appointed by the Chairman of the Department of Education (or the Department of Music in the case of the student working toward the degree of Master of Music). Department chairmen and advisory committees will work closely with the student in developing his program and working out any problems which may arise.

Transfer of Credit

A limit of transfer course work applicable to a degree program is established at two courses (6 semester hours or 10 quarter hours). Petitions for the acceptance of transfer credit must be filed with the Director of Graduate Studies at the time of application for Admission to Candidacy for the degree. Such courses will be marked as acceptable on the transcripts furnished by the candidate. No course may be transferred which carries a grade lower than "B".

Tuition and Fees

The college, recognizing that graduate students usually operate upon limited budgets, offers reduced tuition for graduate and post-baccalaureate study. This is established as policy in order that the student may devote his entire time to his program rather than spend a considerable portion of time and energy as a teaching assistant or fellow. The tuition for the graduate or post-baccalaureate student is $85.00 per course, or a total year's tuition for a full load of nine courses of $765.00.

The fee schedule for undergraduate students does not apply to graduate and post-baccalaureate students. The following fee schedule will apply:

Application to graduate study $10.00
Graduation fee 25.00
All graduate and post-baccalaureate students are eligible to register with the Teacher Placement Service (Optional) 10.00

Students in graduate programs in Music Education or Music are requested to check the fee schedule for private lessons and practice rooms in the general catalog.

Financial Assistance

Lewis and Clark College does not offer Teaching Assistantships or other types of Fellowships and Grants. It is felt that the low tuition rate makes it possible for the graduate student to devote his full time to the program.

The college participates in the National Defense Education Act Loan Program. Up to one-half of the indebtedness may be cancelled for those who teach during the repayment period. Applications for loans will be processed through the Financial Aids Office of the college.

Teaching interns receive 45% of the beginning teacher's salary according to the salary scale of the district in which the intern is placed.
Requirements for Master's Degrees
(Master of Arts in Teaching and
Master of Music Education)

A candidate for the Master of Arts in Teaching or the Master of Music Education is required to complete at least 10 courses of work taken in residence. A limited number of courses taken in residence at another accredited institution may be presented to apply on this requirement. No correspondence course work will be accepted for a graduate program.

A graduate student is expected to maintain a higher level of academic achievement than undergraduate students. The following policy has been adopted by the Graduate Studies Committee:

1. Each student is required to present for the degree a minimum cumulative graduate grade point average of B (3.0).

2. No grade below "B" will be accepted for graduate credit in course work in the department which constituted the student's undergraduate major.

3. No grade below "B" will be accepted for credit in Professional Education courses which apply to the graduate degree.

4. A grade of "C" in course work in fields other than those included in numbers 2 and 3 above may be accepted for graduate credit provided that the work of "C" quality does not exceed four courses.

5. Courses in which the student receives an unacceptable grade must be replaced by another or repeated. Unacceptable grades will not be used in computing the cumulative grade point average.

A post-baccalaureate student working toward teacher certification must maintain a cumulative grade point average of at least 2.5. His program will be developed to meet the forty-five quarter hours as required by the state Board of Education of Oregon, or the program as required by the state in which he plans to obtain his certificate.

Examinations

Each candidate for the degree of Master of Arts in Teaching or for Master of Music Education will be required to take a final written and oral examination. In the case of the Master of Arts in Teaching, the examination will relate to all course work offered for the degree which has been done with the Department of Education. The supporting academic departments may also require the examination. In the case of the Master of Music Education, the candidate will be expected to take examinations in both Education and Music.

If the examining committees should decide that the student has failed to pass either the written or the oral examination, it may make one of three recommendations to the Director of Graduate Studies: (1) The candidate should not receive the Master's degree, (2) the candidate should be required to take additional courses before appearing for re-examination, or (3) the candidate should be re-examined after an interval of at least one term.

Application for the examination is to be made at the time of registration for the final term of work for the degree.

Thesis

No thesis is required for any Master's degree offered by Lewis and Clark College. The student may elect to do an Independent Research Study in place of one course should he desire to do so. This option should be taken at the time the graduate program is planned and approved.

Application for the Degree

The application for the degree, together with the graduation fee of $25.00, should be filed with the Director of Graduate Studies at the time of registration for the final term of work for the degree.
Conferral of Degrees

Degrees are conferred at the annual College Commencement in June and at the annual Summer Session Commencement in August. Candidates are required to be present for the conferring of degrees unless excused by the Director of Graduate Studies.

SEQUENTIAL RESPONSIBILITIES OF CANDIDATES IN MASTER’S DEGREE PROGRAMS

1. Secure admission to the program at Lewis and Clark College.
   a. Hold Bachelor’s degree from college or university recognized by State Department of Education, Oregon.
   b. Hold, or be eligible to hold, or be a candidate for an Oregon teaching certificate or its equivalent.
   c. File application with Director of Graduate Studies and provide two official transcripts of all previous college work not less than two weeks prior to registration.
   d. Provide scores on Aptitude section of Graduate Record Examination at time of application or during first term of graduate study.
   e. Take admission examination required by Department of Music if a candidate for study in music.
   f. Include application fee of $10 with application.

   (Application for Admission to Graduate Study forms may be secured from the Office of Director of Graduate Studies.)

2. Secure admission to candidacy for degree. (Blanks for Application to Candidacy for Degree may be secured from the office of Director of Graduate Studies.)
   a. Apply during first term of graduate study.
   b. Work out program with advisor.
   c. Receive written approval from Graduate Studies Committee in Education or Music.
   d. File copy of program in office of Director of Graduate Studies.

3. Apply for examination.
   a. Apply to departments involved—Education and Music or Education and Subject Matter area.
   b. Make application at the time of registration for the final term of work.

4. Pay the graduation fee and obtain clearance from the Office.

PROGRAMS FOR MASTER’S DEGREES

Master of Arts in Teaching
   Master of Arts in Teaching
   Elementary Education
   Junior High School Education
   Secondary Education
   Special Education for Teachers of the Deaf
   Master of Music Education
   Master of Music

The purpose of these master’s degree programs is to provide for one or more of the following objectives:

1. To develop the candidate’s ability for continued self-directed study in his field of specialization;
2. To improve the candidate’s professional competence;
3. To enable the candidate to broaden his cultural background, to develop his personal and social responsibility, and to prepare for community leadership.

Master of Arts in Teaching – Elementary Education

This degree requires the completion of ten (10) courses as follows:

A. Education (5 courses)
   1. Education 503 . . . History of Education or
      or 504 . . . . . . . . . . . . Philosophy of Education
   2. Education 303 . . . Adolescent Psychology
   3. Education 508 . . . Individual Studies
   4. Two courses chosen from the following:
      a. Education 505 . . Curriculum
      b. Education 502 . . Evaluation of Learning
      c. Education 506 . . Counseling and Guidance
B. Academic Area (Minimum of 5 courses)

The completion (including undergraduate credit) of two areas of concentration totaling six (6) courses or 30 quarter hours in each area. Academic areas which may constitute concentrations are:

a. The Language Arts  
b. The Social Sciences  
c. Mathematics  
d. Health and Physical Education  
e. Art  
f. Music  
g. Science  
h. Foreign Language

Master of Arts in Teaching – Junior High School Education

This degree requires the completion of ten (10) courses as follows:

A. Education (5 courses)

1. Education 503 .... History of Education or or 504 ......... Philosophy of Education  
2. Education 409 .... Diagnostic and Remedial Techniques in Basic Skills  
3. Education 506 .... Counseling and Guidance  
4. Two courses chosen from the following:
   a. Education 505 .... Curriculum  
   b. Education 502 .... Evaluation of Learning  
   c. Education 439 .... Teaching Media  
   d. Education 301 .... Social Foundations of Education  
   (if not included in undergraduate preparation)

B. Academic Area (minimum of 5 courses)

The completion of two basic norms or one standard norm in subject fields taught in junior high school or a standard norm in language arts-social studies.

(Please consult Education Department Supplement of the Lewis and Clark College General Catalog)

Master of Arts in Teaching – Secondary Education

This degree requires the completion of ten (10) courses as follows:

A. Education (5 courses)

1. Education 503 .... History of Education or or 504 ......... Philosophy of Education  
2. Education 302 .... Child Psychology  
3. Education 507 .... Teaching of Reading in High School  
4. Two courses chosen from the following:
   a. Education 505 .... Curriculum  
   b. Education 502 .... Evaluation of Learning  
   c. Education 506 .... Counseling and Guidance  
   d. Education 439 .... Teaching Media  
   e. Education 301 .... Social Foundations of Education  
   (if not included in undergraduate preparation)

B. Academic Area (5 courses for completion of Oregon Standard norm in teaching field. Course work to be chosen from graduate or acceptable undergraduate courses listed starting on page 7.)

1. For the Master of Arts in Teaching, in the case of a student in the Language Arts or in the Social Studies, the program is expected to be developed to the extent possible in interdisciplinary work.
2. A Master of Arts in Teaching program may be planned for students who have completed all of the academic work required by the Oregon State Board of Education for the 5th year and is eligible for the Oregon Basic Certificate or its equivalent. Such a program will be designated as one in the Master of Arts in Teaching—Liberal Studies.

All course work in academic areas should be chosen from the graduate offering or from upper division course work. If upper division work is included in a program the record will include the letter “G” following the course number to indicate graduate credit.

At least three (3) of the five (5) courses in the academic areas must be at the 500 level if a department offers such courses. Candidates who live outside the Portland Metropolitan area and can only take course work during summer sessions may have this requirement waived by petition.

Master of Arts in Teaching — Internship in Junior and Senior High School Education

The internship programs include half-day teaching experience in the junior high school or senior high school for a full school year with a stipend of 45% of the beginning teacher’s salary. A limited amount of course work is carried during the time the student is teaching in the public school.

The programs include a summer session before and after the teaching experience. Upon completion of the two summers and the year of teaching experience and the academic course work required, the student in addition to receiving the degree of Master of Arts in Teaching will be eligible for the Basic certificate for teaching in Oregon and, in most cases, will have completed the course work for the Standard certificate. In addition to the fifth year of course work, two years of successful teaching are required before the teacher may apply for the Standard certificate.

The course work in the internship programs is tailored for each student and based upon the undergraduate work done for his baccalaureate degree. Special brochures dealing with the internship program are available in the office of the Director of Graduate Studies.
COURSES ACCEPTABLE FOR GRADUATE CREDIT

All courses listed below as 500 or higher are considered as graduate courses. Should an undergraduate student be successful in his petition to enroll in one of these courses, his credit would not be considered graduate if he uses the course to fulfill undergraduate requirements.

Courses (below the 500 series) may be included in a graduate course if they are part of the planned and approved graduate program at the time of admission to graduate study. Later addition of such courses must be by petition and must be approved by the Committee on Admission and Qualifications. The courses in this category which are normally accepted for graduate programs are listed below.

Since Professional Education courses are a part of all of the graduate work, with the exception of the Master of Music degree, they are listed first with the subject matter courses listed alphabetically by areas following those of Education.

Professional Education

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 500</td>
<td>Educational Sociology</td>
<td></td>
</tr>
<tr>
<td>Education 502</td>
<td>Evaluation of Learning</td>
<td></td>
</tr>
<tr>
<td>Education 503</td>
<td>History of Education</td>
<td></td>
</tr>
<tr>
<td>Education 504</td>
<td>Philosophy of Education</td>
<td></td>
</tr>
<tr>
<td>Education 505</td>
<td>Curriculum, Elem-Sec</td>
<td></td>
</tr>
<tr>
<td>Education 506</td>
<td>Principles of Counseling and Guidance</td>
<td></td>
</tr>
<tr>
<td>Education 507</td>
<td>Teaching of Reading, Secondary</td>
<td></td>
</tr>
<tr>
<td>Education 508</td>
<td>Individual Studies</td>
<td></td>
</tr>
<tr>
<td>Education 509</td>
<td>Thesis</td>
<td></td>
</tr>
<tr>
<td>Education 511</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>Education 522</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>Education 533</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>Education 540</td>
<td>Pre-internship workshop</td>
<td></td>
</tr>
<tr>
<td>Education 439G</td>
<td>Teaching Media</td>
<td></td>
</tr>
<tr>
<td>Education 409G</td>
<td>Diagnostic and Remedial Techniques</td>
<td></td>
</tr>
<tr>
<td>Education 409G</td>
<td>in Basic Skills</td>
<td></td>
</tr>
<tr>
<td>Education 406G</td>
<td>Special Methods in Secondary School</td>
<td></td>
</tr>
<tr>
<td>Education 315G</td>
<td>Jr. H. S. Role and Curriculum</td>
<td></td>
</tr>
<tr>
<td>Education 303G</td>
<td>Adolescent Psychology</td>
<td></td>
</tr>
<tr>
<td>Education 302G</td>
<td>Child Psychology</td>
<td></td>
</tr>
</tbody>
</table>

BUSINESS EDUCATION

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus. Adm. 232</td>
<td>Business Ethics</td>
<td>1 credit</td>
</tr>
<tr>
<td>Bus. Adm. 240</td>
<td>Management Processes</td>
<td>1 credit</td>
</tr>
</tbody>
</table>

The advisor, in planning the course work with the student, will complete the program with work in related fields such as Economics, Political Science, English, or Accounting.

MASTER OF ARTS IN TEACHING PROGRAMS

IN ADDITION TO THE FIVE COURSES IN PROFESSIONAL EDUCATION, THE STUDENT AND HIS ADVISOR WILL PLAN FIVE COURSES FROM ONE OF THE FOLLOWING ACADEMIC AREAS OR ALLIED AREAS TO COMPLETE THE MASTER OF ARTS IN TEACHING DEGREE. THE REQUIREMENTS FOR THE OREGON STANDARD TEACHING NORM MUST BE MET THROUGH THESE PLANS.

Art

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 214, 225, 236</td>
<td>Form in Painting (adv)</td>
<td>1 credit</td>
</tr>
<tr>
<td>Art 215, 226, 237</td>
<td>Human Fig. in Drawing (adv)</td>
<td>1 credit</td>
</tr>
<tr>
<td>Art 216, 227, 238</td>
<td>Advanced Ceramics</td>
<td>1 credit</td>
</tr>
<tr>
<td>Art 304</td>
<td>American Art</td>
<td>1 credit</td>
</tr>
<tr>
<td>Art 305</td>
<td>Italian Renaissance Art</td>
<td>1 credit</td>
</tr>
<tr>
<td>Art 306</td>
<td>Northern Renaissance Art</td>
<td>1 credit</td>
</tr>
<tr>
<td>Art 400</td>
<td>Special Problems</td>
<td>1 credit</td>
</tr>
</tbody>
</table>

Business Education

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus. Adm. 232</td>
<td>Business Ethics</td>
<td>1 credit</td>
</tr>
<tr>
<td>Bus. Adm. 240</td>
<td>Management Processes</td>
<td>1 credit</td>
</tr>
</tbody>
</table>
Foreign Languages

Language 400 Directed Readings 1 course credit
Language 544 Phonetics and Applied Linguistics 1 course credit
Language 545 Culture and Civilization of the Language 1 course credit
Language 546 Special Methods of Teaching Languages 1 course credit
English 405 Structural Linguistics 1 course credit

Health and Physical Education

Health and Physical Education 511 Theory of Body Movement and Adapted Physical Education 1 course credit

A course in the science of human motion, including the study of mechanical, physical, and physiological principles of movement concerning basic human skills.

Health and Physical Education 533 Mental Hygiene 1 course credit

A study of the mental health problem, the role of the teacher in promoting mental health, behavior patterns, adjustment mechanisms, factors affecting human relationships, mental illness, normal mental health and resources.

Health and Physical Education 522 Evaluation in Health and Physical Education 1 course credit

The study and practical application of the recognized fitness tests, skill tests and other evaluation techniques.

Health and Physical Education 520 Community Health Problems 1 course credit

A graduate course designed to acquaint prospective and in-service teachers with health problems in a community and to make them aware of the official and voluntary agencies which cope with these problems.

Whenever possible the student will be expected to participate in summer coaching workshops as a part of his MAT program. The remainder of the program will be planned by the student with his advisor toward the strengthening of the candidate's teaching and professional competency.

Language Arts (English, Speech, Theatre)

Three of the five courses in the Language Arts must be from the offerings in the 500 series.

Language Arts 501 Myth and Symbol in World Literature 1 course credit

A study of world mythologies and theories of symbolism. An investigation of the particulars of these systems and of their relevance for literature and life.

(Offered in alternate years)

Language Arts 502 Communications Perspectives 1 course credit

This course is designed to acquaint the student with the more recent trends in communications studies and to inform him of methods of application to the classroom. Various models of communications will be studied, the student will construct his own communications model, and then apply his model to a communications situation.

(Offered in alternate years)

Language and Culture 1 course credit

A survey exploring the interconnectedness of language and culture. Consideration will be given to special areas such as: Child Language Learning
Linguistic and Cultural Contact Phenomena
Specialized Language such as: cant, argot, and trade jargon
Language and Cultural Change
(Offered in alternate years)

Language
Arts 504

Political and Social Problems in American Literature
1 course credit

A study of the idea of "the modern age" and its peculiar problems as reflected in the work of such men as Thoreau, Henry Adams, Stephen Crane, Henry James, Driesser, Dos Passos, and James T. Farrell. (Offered in alternate years)

Language
Arts 505

Speech for the Classroom Teacher
1 course credit

Designed for the teacher who has had a minimum of preparation in speech or communications who is expected to teach in that area. Examination of traditional methods of instruction and materials used will precede the exploration of newer modes of teaching. Interpersonal communications will be studied, courses of study planned, and some observation of speech being taught in the classroom will be made (videotape simulation may be substituted). This course can be tailored to suit the needs of the individual teacher. (Offered in alternate years)

Language
Arts 506

The Poetry of Experience
1 course credit

The politics of vision from Romanticism to the present. Special attention to Blake, Yeats, Hoetheke, Lowell. (Offered in alternate years)

Mathematics

Mathematics 433 Seminar
1 course credit

Physics 204 or 208 Astronomy
1 course credit

Philosophy 433 Symbolic Logic
1 course credit

Work in Chemistry not included in the student's undergraduate program
2 course credit

The advisor may include Philosophy 101 (Logic and the Scientific Method) in the student's program if it is considered advisable.

Sciences

(5 courses to be selected from areas indicated.)

(a) Biology
   Biology
   Chemistry
   Physics
   Mathematics
   Symbolic Logic

(b) Chemistry
   Chemistry
   Biology
   Physics
   Symbolic Logic

(c) Physics
   Physics
   Chemistry
   Biology
   Mathematics
   Symbolic Logic

Social Studies

American Economic Policy:
1 course credit

History and Development

A study of American resources, business and labor organizations, constitutional framework, and political forces and the
Social Studies 502

History of Modern Social Thought

A comprehensive summary and critical appraisal of the growth of social thought from the Enlightenment to the present. An examination of contributions concerning the origins of human society, the ways of group life, the development and expression of social interests, the modes of social discipline and social control, and the problems of social progress. (Offered in alternate years)

Social Studies 503

The Political and Economic Problems of Underdeveloped Countries

An examination of the problems of the developing nations and the role of America and other developed nations providing assistance. (Offered in alternate years)

Social Studies 504

Comparative Political and Economic Systems

A study of the diverse political and economic systems of the world with emphasis on the decision-making process. (Offered in alternate years)

Social Studies 505

Seminar in the Impact of Diverse Cultures on American History

A study of selected periods in American History from the viewpoint of social and cultural development. (Offered in alternate years)

Social Studies 506

Foundations of Asian Political Behavior

An analysis of Asian political behavior drawing upon the fields of history, anthropology, political science, religion and geography. (Offered in alternate years)

Social Studies 507

Seminar

To be based upon special problems as determined by students and instructor. Will be offered at discretion of Director of Graduate Studies.

In addition to the five courses required in Professional Education, the student in consultation with an assigned advisor may plan for five upper division courses in the Liberal Arts area provided that:

1. He already holds or is eligible to hold the Basic Teaching Certificate or its equivalent.

2. He has met, in his undergraduate program, the requirements in his subject matter of the Standard norm in Oregon.

This situation is likely to occur in any academic area where the undergraduate major is extensive enough that the student will have completed both the four-year teaching norm and the fifth-year teaching norm in his baccalaureate degree program.

Special Education, Training Teachers of the Deaf

This program requires the completion of the following program completed on campus at Lewis and Clark College and at the Washington State School for the Deaf in Vancouver, Washington.
A. Education (to be completed on campus at Lewis and Clark College)

Education 502 . . . . Evaluation of Learning
Education 504 . . . . Philosophy of Education
Education 506 . . . . Counseling and Guidance
Education 439G . . . . Teaching Media
English 403G . . . . Development of the English Language

or

Two Elementary Education Methods courses (1/2 course credit each)

B. Training Teachers for the Deaf
(To be completed at the Washington State School for the Deaf)

TTD 410 . . . . . . . . . . History and Psychology of the Education of the Deaf
TTD 411 . . . . . . . . . . Speech I - Methods of Teaching Speech to Deaf Children
TTD 413 . . . . . . . . . . Language I-Methods of Teaching Language to Deaf Children
TTD 422 . . . . . . . . . . Speech II
TTD 424 . . . . . . . . . . Language II
MASTER OF MUSIC EDUCATION

Master of Music Education

The Master of Music Education degree is offered to teachers of music in the public schools at any level. Ordinarily some teaching experience is considered desirable before completion of the course work for the degree.

The Master of Music Education is based upon completion of the requirements for the Standard Certificate for teaching music. This means that the student will complete all professional education requirements as well as the subject matter norm requirements for the Standard Certificate (see below).

Admission to Graduate Study

Admission to graduate study in Music may be granted to individuals who have:

A. Graduated from an accredited institution with a degree of Bachelor of Music Education or the equivalent as offered at Lewis and Clark. (Candidates holding a Bachelor's degree in the field of Music with a major in a field other than Music Education may be admitted provisionally to Graduate Study in Music Education and must fulfill the undergraduate requirements for the major in Music Education.)

B. Demonstrated by examination, skills and capacities in the following fields:

1. Harmony—written, aural, and keyboard.
2. Proficiency in sight singing, and in melodic, harmonic, and rhythmic dictation.
3. Orchestration and conducting.
4. The history and literature of music and the study of musical form, analytic or applied.
5. Demonstration of skills in piano, orchestral instruments and voice depending upon the candidate's area of specialization.

Specific information concerning the examination in "B" above may be obtained from the Chairman of the Music Department.

ADMISSION TO THE GRADUATE STUDY PROGRAM IS NOT TO BE CONSIDERED AS ADMISSION TO CANDIDACY FOR THE DEGREE OF MASTER OF MUSIC EDUCATION.

Admission to Candidacy

This procedure is the same as that described on page 1.

This program requires the completion of the work in Professional Education to apply toward fulfillment of the requirements for the Master of Music Education degree, and in addition the student must present five (5) courses in music as determined in consultation with his advisor. The program leading to the degree may include courses with undergraduate numbers designated (G) upon approval of the Graduate Committee on Admissions and Qualifications. The five courses in Music must include work in the following:

A. Theory, music literature, music history or any other appropriate field for which the student is prepared by his undergraduate study; approximately one-quarter of the total requirement.

B. Applied music (not necessarily limited to the student's major skill), and conducting; approximately one-quarter of the total requirement.

C. Candidates are required to participate in regular ensemble groups throughout the term of residence.

The following undergraduate courses in Music are available for graduate credit provided they were not included in the undergraduate program:

Music 231 Theory VI (G)
Music 233 Interpretative Analysis (G)
Music 312 Orchestration (G) 2/3 course per term

-13-
Music 323, Choral Arranging and Composition (G) 333 2/3 course per term
Music 314, Composition (G) 1/2 course per term 324, 334
Music 315 Modal and 20th Century Counterpoint 325 (G) 1/2 course per term
Music 411 Advanced Composition (G) 1/3 course 421, 431 per term
Music 316 Seminar in Music History (G)
Music 327 19th Century Music (G)
Music 337 20th Century Music (G)
Music 328 Music in the Baroque Era (G)
Music 338 Music of the Classic Period (G)
Music 418 Independent Study (G) permission only
Music 419 Thesis
Music 433 Music and the Theatre (G)
Music 428 Advanced Conducting (G) 1/2 course
Music 416 Violin Pedagogy (G) 1/2 course
Music 422 Accompanying (G) 1/2 course
Music 425 Piano Pedagogy (G) 1/2 to 2/3 course
Music 402 Choral School (G) 2/3 course
Music 501 Materials and Methods for General Music
Correlation of music, visual arts, and literature to relate music literature to the cultural environment from which it grew.

(Music 501 will be offered on Tuesday and Thursday evenings from 7:00 to 9:00 P.M. in the fall term. The other courses listed above are offered either in the summer or during the regular schedule in the academic year. Additional courses in the 500 series may be offered as rapidly as the demand for them warrants the offering.)

All candidates for the degree of Master of Music Education must complete satisfactorily a written and oral examination before graduation. Application forms are available in the office of the Music Department and must be completed at least four weeks before completion of the course work.
MASTER OF MUSIC

Master of Music

To qualify for full graduate standing with Composition or Theory as a field of concentration, the student must present evidence of the completion of a four-year curriculum in a recognized school or college. With Instrumental Music or Voice as a field of concentration, the student must present evidence of the completion of a four-year curriculum (with the same major instrument or voice) in a recognized school or college. More detailed information may be obtained from the Chairman of the Department of Music.

Requirements for a Degree in Composition

For the degree, Master of Music in Composition.

Major Subject—

Composition in the larger forms. In lieu of the usual thesis, the student must submit at least one original composition in large form (chamber music, a symphonic form, a choral work with orchestral accompaniment, or the like). This work must exhibit considerably greater maturity and facility in composition than that submitted for entrance. Credit, approximately one-half of the total requirement.

Minor Subjects—

(a) Work in advanced applied counterpoint, including canon and fugue, and orchestration. Credit, approximately one-quarter of the total requirement.

(b) Continued work in applied music. Credit, approximately one-quarter of the total requirement.

Requirements for a Degree in Music Theory

For the degree, Master of Music in Theory.

Major Subject—

Work in theory and composition beyond undergraduate levels; also courses in the pedagogy of theory and acoustics, credit, approximately two-thirds of the total requirement.

Minor Subjects—

(a) Music history, literature, or musicology; credit, approximately one-sixth of the total requirement.

(b) Applied music; credit, approximately one-sixth of the total requirement.

Requirements for a Degree in Instrumental Music

For the degree, Master of Music in Instrumental Music.

Major Subject—

At least one-half but not more than two-thirds of the total work required for the degree is to be devoted to the applied music major. This study must culminate in a demonstration of playing ability, either in the form of a public recital or a performance before the faculty or a designated committee, such demonstration to be submitted in lieu of a thesis. It should be the student’s objective to study an extensive and well-rounded repertory considerably more comprehensive than that required or achieved during undergraduate study. This objective should be either for the purpose of demonstrating proficiency in performance or for the enlargement and improvement of pedagogical equipment. A maximum use of allowed credit in applied music should be interpreted to include a broad field of practical experience including ensemble, pedagogy, literature, etc., and that full credit not be granted for private lessons alone.

Minor Subjects—

(a) Courses in music literature, history or musicology; credit, one-sixth to one-quarter of the total requirement.
Courses in theory beyond the undergraduate requirements, courses in the pedagogy of the instrument, or work in any other field for which the student is prepared; credit, one-sixth to one-fourth of the total requirement.

Requirements for a Degree in Vocal Music

For the degree, Master of Music in Vocal Music.

Major Subject—

One-half to two-thirds of the student’s time is to be devoted to the major subject. The repertory shall include representative selections from opera, oratorio, and song literature for all types of voices. This study must culminate in a public recital, submitted in lieu of a thesis.

Minor Subjects—

(a) Courses in music literature, history or musicology; credit, one-sixth to one-quarter of the total requirements.

(b) Courses in theory beyond the undergraduate requirements, courses in the pedagogy of the instrument, or work in any other field for which the student is prepared; credit, one-sixth to one-fourth of the total requirement.

Note: The above theory courses might be in analysis or advanced sight-singing. Some piano study may be a part of the major subject.

Note: Candidates for Master’s degrees are required to participate in regular ensemble groups throughout the term of residence; this in addition to the stated requirements for all Master’s degrees.
REGISTRATION IN ALBANY QUADRANGLE

FALL
Monday, Sept. 15, 7:00-9:00 p.m.
Tuesday, Sept. 16, 6:00-7:00 p.m.
Classes begin Tues., Sept. 16, 7:00 p.m.
Term ends November 26

WINTER
Monday, Jan. 5, 7:00-9:00 p.m.
Tuesday, Jan. 6, 6:00-7:00 p.m.
Classes begin Tues., Jan. 6, 7:00 p.m.
Term ends March 19

SPRING
Monday, March 30, 7:00-9:00 p.m.
Tuesday, March 31, 6:00-7:00 p.m.
Classes begin Tues., March 31, 7:00 p.m.
Term ends June 12

1969-1970 GRADUATE AND POST-BACCALAUREATE CLASS SCHEDULE (Late afternoon and Evening)

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>Credit</th>
<th>No.</th>
<th>Day</th>
<th>Time Room</th>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUCATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching Media</td>
<td>1</td>
<td>439G</td>
<td>Wed</td>
<td>6:30</td>
<td>9:30</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A111</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaluation of Learning</td>
<td>1</td>
<td>502</td>
<td></td>
<td>T-Th</td>
<td>4:00</td>
<td>6:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A121</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principles of Counseling and Guidance</td>
<td>1</td>
<td>506</td>
<td></td>
<td>W-Fri</td>
<td>4:00</td>
<td>6:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A202</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching Reading in High School</td>
<td>1</td>
<td>507</td>
<td></td>
<td>T-Th</td>
<td>4:00</td>
<td>6:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A121</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LANGUAGE ARTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political and Social Problems-American Lit.</td>
<td>1</td>
<td>504</td>
<td>T-Th</td>
<td>7:00</td>
<td>9:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speech for Classroom Teacher</td>
<td>1</td>
<td>505</td>
<td></td>
<td>T-Th</td>
<td>7:00</td>
<td>9:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poetry of Experience</td>
<td>1</td>
<td>506</td>
<td></td>
<td>T-Th</td>
<td>7:00</td>
<td>9:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCIAL STUDIES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparative Political and Economic Systems</td>
<td>1</td>
<td>504</td>
<td>T-Th</td>
<td>7:00</td>
<td>9:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A202</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impact of Diverse Cultures on American History</td>
<td>1</td>
<td>505</td>
<td></td>
<td>T-Th</td>
<td>7:00</td>
<td>9:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A202</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foundations of Asian Political Behavior</td>
<td>1</td>
<td>506</td>
<td></td>
<td>T-Th</td>
<td>7:00</td>
<td>9:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A202</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>