Minnesota State University, Mankato
curriculum proposal

Please type or select the requested information. Print completed forms, add appropriate paper attachments, and route through MSU's curricular process for recommendations and decisions.

(Check all that apply):

- College: Allied Health and Nursing
- Department: Dental Education

Program: Dental Hygiene BS Degree Completion CIP #: 51.060201

Type of Change: COURSE PROPOSALS

- Proposed: New Course

Title Current: Research Methods in Dental Hygiene

Title Proposed: Research Methods in Dental Hygiene

24-Char. Abbrev: DHYG 453

(include applicable)

Proposal # 83
Effective Date of Change: 05
Academic Year: 05
(For Office Use Only)

Course Designator and Number Credits

DHYG 453 3

Include a course or program description for the Bulletin (30-40 words maximum for courses, 100 for programs):

Provides student awareness of the American Dental Hygienists' Research Agenda and prepares students on the methodology of research. Includes strengths and limitations of quantitative and qualitative research methods while developing methodological skills and proficiencies related to research.

Rationale or Justification for change:

Design of new curriculum to support BS degree completion option for graduates of accredited dental hygiene programs holding an associate degree of science or associate of applied science degree in dental hygiene.

***For General Education or Cultural Diversity Courses Only***

General Education Course:

<table>
<thead>
<tr>
<th>GE Category #</th>
<th>GE Category Name (Maximum of 3 Categories)</th>
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For Writing Intensive Courses, attach a description of the kind and quantity of writing.

For Upper Division Courses, include a description of the respects in which it is broad and general rather than narrow and specific, and so suitable as GE.

Cultural Diversity Course:

(Please check one.)

- Core (At least 75% devoted to topics of race, gender, sexual orientation, age, class, and disabilities as they occur in United States Society.)

- Related (At least 25% devoted to the above topics or to a global perspective on topics related to African American, Asian, Hispanic, and Native American inhabitants of the United States.)

Attach paper copies of the following:

- a. Syllabus or course outline.
- b. Course's student learning outcomes associated with each GE competency or CD designation.
- c. List of strategies to be used to assess students' achievement of each GE competency or CD designation.

***For New Courses***

<table>
<thead>
<tr>
<th>Instructional Type: Lecture</th>
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Grading Format: X Grade P/N

Other courses are being changed or eliminated. (Explain.)

Course will be offered:

- Fall Semester
- Spring Semester
- Summer Session

Course content or title is similar to courses in other departments. (Attach copy of letter of agreement with other program(s) contacted. Indicate the nature of the discussions and/or resolution of differences or potential conflicts.)

Attach paper copies of the following:

- a. Syllabus or course outline.
- b. Course's student learning outcomes.
- c. A list of resources required to offer and support this course.
- d. A description of how teaching this course will affect department staffing.
- e. If 400/500 level course, an explanation of added expectations of graduate students.
**For Program Proposals**

Attach paper copies of the following:

a. Student learning outcomes for the program.

b. Minutes from department and college curriculum meetings in which action was taken on this proposal.


d. List of program requirements for New programs, or a list of Current and Proposed program requirements for Redesigned programs.

e. A list of resources required to offer and support this program.

f. A description of how offering this program will affect department staffing.

g. A list of additional library holdings required for this program.

Please include rationale for any proposed changes in number of program credits:

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**For Programs Requiring MnSCU Approval**

If any of the following changes are proposed, please fill out and attach MnSCU Program Approval Forms, which are available on the Academic Affairs Web site: [http://www.mnsu.edu/acadaf/html/currformsprocesses.htm](http://www.mnsu.edu/acadaf/html/currformsprocesses.htm)

1. **Creation** of an entirely new program.

2. **Redesign** of existing programs, which takes any of the following forms:
   
   - Addition or deletion of a program option. Options are part of program design in which 30-50% of the courses are required as part of a common core for all students, and which offers curriculum alternatives greater than 30% of the total number of credits in the major. Options are appropriate to baccalaureate or masters programs.
   
   - Addition or deletion of a program emphasis. Emphases are part of program design in which more than 50% of the courses are required as part of a common core for all students, and which offers curriculum alternatives with a minimum of nine credits. Emphases are appropriate to associate and baccalaureate programs.
   
   - Change in program name.
   
   - Change in program CIP #.
   
   - Change in TOTAL program credits.
   
   - Change in degree award. For example, changing a B.A. to B.S.
   
   - Creation of a new degree award in a related academic area. Examples include creation of a certificate program from an existing degree program, or a new degree program from an existing degree program (e.g., Art History BA from Art BA.)

3. **Relocation** of an existing program. This is a proposal to move an existing program from one site to be exclusively offered at another site, and requires closing the program offered at the original site. For example, a program offered both on-campus and through extended campus is to be offered only at the extended campus site.

4. **Replication** of an existing program. This is a proposal to offer an existing program at a new site, which may be an existing MnSCU-approved site, or another campus of the same institution. Replicated programs are offered at both the original site and the new location.

5. **Suspension** or **reinstatement** of a program. This proposal suspends admission of students into an existing program, and is good for three years. Reinstatement proposals request the reopening of student admissions into a given program.

6. **Closure** of a program. This proposal requests closure of an existing program and its from an institution's official inventory of academic programs. Unless a department seeks to re-open a suspended program, it should be closed within three years of suspension.

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Revised September 2002
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B.S. Dental Hygiene Degree Completion
Curriculum Proposal
Spring 2005

***New Course***

DHYG 453 Research Methods in Dental Hygiene
a. Syllabus or course outline
   Attached
b. Course’s student learning outcomes
   See Syllabus - IV. Learning Outcomes
c. List of resources required to offer and support this course
   - Curriculum will be provided in lecture format.
   - Online support will be provided by IT instructional and design staff.
   - Computer/lap top will be provided by the Department of Dental Hygiene to teaching staff.
d. A description of how teaching this course will effect department staffing
   - Curriculum design release time has been provided by Extended Learning Grant: MSU On-Line Learning Programs 2005-2006.
   - Teaching load will be assigned to current Department of Dental Hygiene Faculty.
   - Academic Year 2004-2005 the Department of Dental increased from 5 full time faculty to 6 full time faculty providing sufficient manpower to support the degree completion demand.

***For Program Proposals***

DHYG 453 Research Methods in Dental Hygiene
a. Student Learning Outcomes for the Program
   See Syllabus - III. Program Outcomes
b. Minutes from department meetings
   Attached
c. Program Assessment Plan
   See Attached Program Assessment Plan
d. List of program requirements for New Programs, or list of Proposed program requirement for Redesigned program.
   See letter from Dept. of Hygiene Chair
e. List of resources required to offer and support this program
   See letter from Dept. of Hygiene Chair
f. A description of how offering this program will affect department staffing.
   See letter from Dept. of Hygiene Chair
g. A list of additional library holding required for this program.
   See letter from Dept. of Hygiene Chair
I. Course Information

Course: DHYG 453 Research Methods in Dental Hygiene
Semester: Spring 2006
Credits: 3
Assistant Professor: Angela Monson, RDH, MS
   Email: angela.monson@mnsu.edu
Assistant Professor: Lynnette Engeswick, RDH, MS
   Email: lynnette.engeswick@mnsu.edu

Office: MH 228
Office Phone: 389-2214
Office: MH 230
Office Phone: 389-5848

II. Course Description

Provides student awareness of the American Dental Hygienists’ Research Agenda and prepares students on the methodology of research. Includes strengths and limitations of quantitative and qualitative research methods while developing methodological skills and proficiencies related to research.

III. Program Outcomes

This course meets the following program outcome(s):

5. Increase knowledge of research and ability to comprehend and evaluate scientific literature in the field of dental hygiene.

IV. Learning Outcomes

Learning Objectives: Assessment:

1. Describe 3 reasons research in dental hygiene is important for the profession. Participation in discussion thread and writing assignment 1.

2. Compose a list of 10 topics recently (within the past 3 years) researched within the field of dental hygiene. Participation in discussion thread and writing assignment 1.

3. Recognize one area of research, which needs to be addressed within the dental hygiene profession, which is of personal interest. Participation in discussion thread, writing assignment 1 and research problem statement.

4. Recognize the difference between basic and applied research. Participation in discussion thread and writing assignment 2.

5. Identify a research problem or purpose. Participation in discussion thread, research problem statement and writing assignment 2.

6. Discuss the basic methods of research used in the fields of dentistry and dental hygiene, including strengths and weaknesses of those methods. Participation in discussion thread, and writing assignment 2.

7. Describe how technology has impacted research and scientific writing. Participation in 2 discussion threads, and writing assignment 2.

8. Analyze literature reviews and provide examples of poor, good and excellent writing. Participation in 2 discussion threads, and writing assignment 3.

9. Write a literature review on a current dental hygiene topic. Final Paper
V. Methods of Delivery
- Online Discussions
- Assigned writing and reading

VI. Textbooks
Required

Reference

VII. Method of Evaluation

<table>
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<th>Activity</th>
<th>Points</th>
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<tbody>
<tr>
<td>Participation in Discussions</td>
<td>60</td>
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<tr>
<td>Writing Assignments (3)</td>
<td>240</td>
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<tr>
<td>Final Paper</td>
<td>100</td>
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**Total 400 points**

A) **Participation in Discussion Threads**: Discussion participation will be 15% of the semester grade. There are 10 class discussions worth 6 points each. A rubric will be used to grade your participation in these discussions.

B) **Writing Assignments**: Three writing assignments will be 60% of the semester grade (Each worth 20%). They are due as assigned on the course schedule. Rubrics will be used to grade each of the writing assignments.

C) **Final Paper**: The final paper will be 25% of the semester grade. The final paper is due during finals week.

IX. Department Requirements

1. Cheating is not tolerated at any time. If a student commits acts of plagiarism, cheating or collusion on a quiz, exam or an assignment, he/she will lose all points associated with that quiz, exam or assignment. The student will be referred to Student Affairs for University sanctions.

Every attempt will be made to accommodate qualified students with disabilities. If you are a student with a documented disability, please see me as early in the semester as possible to discuss the necessary accommodation, and/or contact the Disability Services Office at (507) 389-2825 (V) or 1-800-627-3529 (MRS/TTY).