



- PUBLIC
- INDEPENDENT

NEW PROGRAM PROPOSAL FOR ROUTINE REVIEW

When finished, please save and email to: he.academicprogramactions@dhe.mo.gov

Sponsoring Institution:

Program Title: Environmental Management and Assessment

Degree/Certificate:

If other, please list:

Options:

Delivery Site:

CIP Classification: 30201

Implementation Date: 6/1/2012

Is this a new off-site location? Yes No

If yes, is the new location within your institution's current CBHE-approved service region?

**If no, public institutions should consult the comprehensive review process*

Is this a collaborative program? Yes No

**If yes, please complete the collaborative programs form on last page.*

Please list similar or comparable programs at Missouri public institutions of higher education.

**For public institutions only*

CERTIFICATIONS:

- The program is within the institution's CBHE approved mission. *(public only)*
- The program will be offered within the institution's CBHE approved service region. *(public only)*
- The program builds upon existing programs and faculty expertise
- The program does not unnecessarily duplicate an existing program in the geographically-applicable area.
- The program can be launched with minimal expense and falls within the institution's current operating budget. *(public only)*

AUTHORIZATION

Justin Leinaweaver, Director-Institutional Research and Effectiveness	Justin Leinaweaver	6/18/2018
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PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below.

Quantification of performance goals should be included wherever possible.

1. Student Preparation

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.

[Click here to enter text](#)

- Characteristics of a specific population to be served, if applicable.

[Click here to enter text](#)

2. Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.

[Click here to enter text](#)

- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.

[Click here to enter text](#)

- Expectations for professional activities, special student contact, teaching/learning innovation.

[Click here to enter text](#)

3. Enrollment Projections

- Student FTE majoring in program by the end of five years.

[Click here to enter text](#)

- Percent of full time and part time enrollment by the end of five years.

[Click here to enter text](#)

STUDENT ENROLLMENT PROJECTIONS

YEAR	1	2	3	4	5
Full Time					
Part Time					
Total					

4. Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation.

[Click here to enter text](#)

- Special skills specific to the program.

[Click here to enter text](#)

- Proportion of students who will achieve licensing, certification, or registration.
[Click here to enter text](#)
- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.
[Click here to enter text](#)
- Placement rates in related fields, in other fields, unemployed.
[Click here to enter text](#)
- Transfer rates, continuous study.
[Click here to enter text](#)

5. Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide rationale.
[Click here to enter text](#)

6. Program Structure

- A. Total credits required for graduation: 124
- B. Residency requirements, if any:
The last 30 hours of a degree must be completed at Drury.
- C. General education: Total credits:
Minimum of 45 hours

Courses (specific courses OR distribution area and credits)

Technology, Research and Writing		Credit Hours
GSTU 110	Foundations of College and Professional Success	3 hrs.
GSTU 210	Desktop Applications	3 hrs.
ENGL 150	Composition	3 hrs.
ENGL 207	Expository Writing	3 hrs.
Communication		
COMM 220	Business Communication	3 hrs.
Humanities		
HIST 108	World History from 1500	3 hrs.
PHIL 201	Introduction to Philosophy	3 hrs.
ENGL 200	Literature Matters	3 hrs.
Cultural Diversity		
SOCI 316	Minority Groups	3 hrs.
Math and Natural Sciences		
BIOL 100	Principles of Biology	3 hrs.

MATH 109	College Algebra	3 hrs.
PHYS 100	Earth Science	3 hrs.

Social Sciences

LDST 101	Foundations of Organizational Leadership	3 hrs.
PLSC 101	Government and Politics in the US	3 hrs.
PSYC 101	Intro to Psychology	3 hrs.

D. Major requirements: Total credits: 61 hours

MATH 227	Introduction to Statistics	3 hrs.	
MATH 231	Calculus	4 hrs.	
PHYS 201	Principles of Physics	4 hrs.	
CHEM 107	General Chemistry I	4 hrs.	
CHEM 212	Elementary Organic Chemistry	3 hrs.	
CHEM 212L	Elementary Organic Chemistry Lab	1 hr.	
ENVR 202	Introduction to Environmental Chemistry	4 hrs.	
BIOL 102	General Biology	4 hrs.	
BIOL 200	Ecology	3 hrs.	
BIOL 200L	Ecology Lab	1 hr.	
BIOL 106	Conservation Theory and Management	3 hrs.	
PHYS 210	Introduction to GIS and Remote Sensing	3 hrs.	
ENVR 220	Introduction to Environmental Issues	3 hrs.	
ENVR 315	Environmental Laws and Regulations	3 hrs.	
ENVR 321	Hazardous Materials	3 hrs.	
ENVR 345	Environmental Assessment I-Water Monitoring	3 hrs.	
ENVR 346	Environmental Assessment II-Air Monitoring	3 hrs.	
ENVR 347	Environmental Assessment III-Environmental Analysis & Remediation	3 hrs.	3 hrs.
ENVR 348	Environmental Assessment IV: Environmental Impact	3 hrs.	
ENVR 494	Senior Seminar in Environmental Management & Assessment	3 hrs.	

E. Free elective credits: minimum of 18 credit hours

(sum of C, D, and E should equal A)

F. Requirements for thesis, internship or other capstone experience:

[Click here to enter text](#)

G. Any unique features such as interdepartmental cooperation:

[Click here to enter text](#)

7. Need/Demand

Student demand

Market demand

Societal demand

I hereby certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful.

On July 1, 2011, the Coordinating Board for Higher Education began provisionally approving all new programs with a subsequent review and consideration for full approval after five years.

COLLABORATIVE PROGRAMS

- **Sponsoring Institution One:**
- **Sponsoring Institution Two:**
- **Other Collaborative Institutions:**
- **Length of Agreement:**
- **Which institution(s) will have degree-granting authority?**
- **Which institution(s) will have the authority for faculty hiring, course assignment, evaluation and reappointment decisions?**
- **What agreements exist to ensure that faculty from all participating institutions will be involved in decisions about the curriculum, admissions standards, exit requirements?**
- **Which institution(s) will be responsible for academic and student-support services, e.g., registration, advising, library, academic assistance, financial aid, etc.?**
- **What agreements exist to ensure that the academic calendars of the participating institutions have been aligned as needed?**

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