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.

<table>
<thead>
<tr>
<th>College:</th>
<th>Science, Engineering and Technology</th>
<th>Undergraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department:</td>
<td>Biological Sciences</td>
<td>Graduate</td>
</tr>
<tr>
<td>Program:</td>
<td>Biology: Cyto-technology / Cytogenetics</td>
<td>CIP #</td>
</tr>
</tbody>
</table>

Type of Change: COURSE PROPOSALS

Proposed Title: Gastrointestinal Cytology

24-Char. Abbrev: (if applicable)

Course Designator: Biology 428
Number and Credits: 001

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

Rationale or Justification for change:

In changing the option, it was necessary to consolidate the following courses Biology 422, 423, 424, 425, 427, 428, 424, 444, 447, 448, & 450 into Biology 442, 423, 424, & 425.

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

<table>
<thead>
<tr>
<th>GE Category #</th>
<th>GE Category Name (Maximum of 3 Categories)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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<tr>
<td>N/A</td>
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<tr>
<td>N/A</td>
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</tr>
</tbody>
</table>

* 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.

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:</th>
<th>Lecture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grading Format:</td>
<td>☐ Grade</td>
</tr>
</tbody>
</table>

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.
### Curriculum Proposal

#### Signature Page

**Department**
- Recommended
- Not Recommended

**College Curriculum Committee**
- Recommended
- Not Recommended

**College Dean**
- Recommended
- Not Recommended

**General Education Subcommittee**
- Recommended
- Not Recommended

**Undergraduate Curriculum and Academic Policy Committee**
- Recommended
- Not Recommended

**Faculty Association Graduate Committee**
- Recommended
- Not Approved

**Graduate Dean**
- Recommended
- Not Recommended

**Academic Affairs Council**
- Recommended
- Not Approved

**Senior Vice President and Vice President for Academic Affairs**
- Approved
- Not Approved