

**UMBC UGC Program Changes & Other Request: Entrepreneurship and Innovation Minor (ENTR)**

Date Submitted: October 2018

Proposed Effective Date: Spring 2018

	Name	Email	Phone	Dept
Dept Chair or UPD	George Karabatis (Director of the ENTR Minor)	<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>	x-53940	IS
Other Contact	Amy Froide (previous Director of the ENTR Minor and member of the ENTR Coordinating Committee)	<a href="mailto:froide@umbc.edu">froide@umbc.edu</a>	x-52032	HIST

**Specifics (see instructions):**

The Minor in Entrepreneurship and Innovation consists of 18 credits – 2 core courses (3 credits each) and 4 elective courses (3 credits each). Six credits must be at the 300 or 400 level. We propose the following changes to the entrepreneurship-infused elective courses of the ENTR Minor, which belong to and are offered by various departments at UMBC.

<b>Current ENTR Minor Requirements</b>	<b>Proposed change to the ENTR Minor</b>
Throughout the current ENTR Minor requirements the words “ENTR cross-listed” or “ENTR cross-listing” appear frequently. We petition to replace this verbiage with “entrepreneurship infused electives”	<p>The ENTR Minor uses a number of courses that belong to and are offered by various UMBC departments. These courses are identified as electives that count towards the ENTR Minor course requirements and are listed below.</p> <p>AFST 385            AGNG 361            AMST 422            ART 319, 322, 339, 341, 427, 462            BIOL 306L, 412, 414            CHEM 311L, 405L            CMPE 349, 450, 451            ECON 101, 374, 408, 418, 467, 476, 479, 482            ENCH 225L, 486            ENME 204, 408, 444            FYS 102            GWST 200            HAPP/SOCY 354            HIST 206, 311, 411            INDS 430            IS 320, 420, 428, 448            MCS 355, 377            MGMT 210, 310            MUSC 323            POLI/SOCI/AMST 205            THTR 345, 460</p> <p>Approvals of the above courses to be counted as part of the ENTR Minor course requirements are provided by the corresponding department chairs and shown in Appendix A.</p>

**Rationale (see instructions):**

a. **What are the major departures from the current structure?**

The major departure from the current structure refers to the entrepreneurship-infused elective courses of the ENTR Minor. We are not cross-listing the electives to be counted as part of the ENTR Minor. Instead, we use them (with permission from the offering departments) with their existing designation. These courses have been approved to be used as electives for the ENTR Minor by the ENTR Minor Committee. Courses with a single or multiple sections are accepted “as is” as electives in the ENTR Minor. The chair of the offering department approves these courses to be counted as part of the requirements for the ENTR Minor. See Appendix A containing approvals from the chairs of the above departments. See Appendix B for highlighted justification of entrepreneurial content in course syllabi of proposed courses. See Appendix C for all courses which already have “Entrepreneurship” mentioned in the title and/or in the current UMBC Undergraduate catalog description (syllabi for these courses are not included in this package). The catalog description is included.

b) **Why is the new structure preferable?**

The new structure provides minimal overhead to be implemented; in addition, the offering departments maintain total control of their courses.

c) **What provisions will be made to accommodate current students if courses are discontinued?** Since these electives are owned by various departments, the ENTR Minor committee has no control on offering, canceling, or discontinuing an elective course. This issue falls under the responsibility of the offering department.

d) **If there is a change in required credits, please provide a specific justification for that change.**

There are no changes in the credit structure of the ENTR Minor.

## Appendix A

### Approvals from Department Chairs allowing their courses to count as electives for the ENTR Minor

Below is a list of email excerpts from UMBC department chairs allowing selected courses they offer in their departments, to count as electives for the ENTR Minor requirements.

AFST 385	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective course offered by your department  <b>Date:</b>Tue, 4 Sep 2018 15:21:09 -0400  <b>From:</b>Gloria Chuku &lt;chuku@umbc.edu&gt;  <b>To:</b>George Karabatis &lt;georgek@umbc.edu&gt;  <b>CC:</b>Vivian Armor &lt;armor@umbc.edu&gt;</p> <p>Dear George,</p> <p>I hereby give my consent for AFST 385 to count as part of the ENTR Minor.          Regards,          Gloria</p>
AGNG 361	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective course offered by your department  <b>Date:</b> Tue, 4 Sep 2018 15:47:57 -0400  <b>From:</b> Galina Madjaroff &lt;galina1@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;  <b>CC:</b> bradleyd@umbc.edu, Vivian Armor &lt;armor@umbc.edu&gt;</p> <p>Dear Dr. Karabatis-</p> <p>Dr. Bradley is out of country, but I am the instructor for the course and the Associate Dean at the Erickson School. We would like to confirm that we do allow and would like to continue to allow for AGNG/IS 361 to count as part of the graduation requirements for the ENTR Minor.</p> <p>Please let me know if you need anything further,          Thank you,          Galina</p>
AMST 422	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective course offered by your department  <b>Date:</b> Tue, 11 Sep 2018 15:01:57 -0400  <b>From:</b> Nicole King &lt;nking@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;  <b>CC:</b> Vivian Armor &lt;armor@umbc.edu&gt;</p> <p>George,</p> <p>I am writing as chair of the Department of American Studies with the department's support for the Entrepreneurship and Innovation (ENTR) Minor to count AMST 422: Preserving Places, Making Spaces in Baltimore as part of the graduation requirements for the ENTR Minor.</p>

	<p>Best, Nicole</p>
<p>ART 319, 322, 339, 341, 462, 427</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective courses offered by your department  <b>Date:</b> Thu, 18 Oct 2018 22:06:40 -0400  <b>From:</b> James Smalls &lt;smalls@umbc.edu&gt;  <b>To:</b> georgek@umbc.edu  <b>CC:</b> armor@umbc.edu</p> <p>Dear George,</p> <p>Yes, the courses you have listed can be submitted for UGC approval for the ENTR minor.</p> <p>Best, James</p> <p>On Thu, Oct 18, 2018 at 1:30 PM George Karabatis &lt;georgek@umbc.edu&gt; wrote:  Dear James,  just to make it crystal clear, these are the only courses that we are submitting to UGC for approval for the ENTR Minor:  ART 319, 322, 339, 341, 462, 427  Please let us know that we can use these courses as part of the ENTR Minor requirements.  Thanks,  George</p>
<p>BIOL 306L 414, 412</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective courses offered by your department  <b>Date:</b> Thu, 11 Oct 2018 12:01:35 -0400  <b>From:</b> Philip Farabaugh &lt;farabaug@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;  <b>CC:</b> Vivian Armor &lt;armor@umbc.edu&gt;</p> <p>I don't see why not. Yes.</p> <p>Phil Sent from my iPad</p> <p>On Oct 11, 2018, at 11:34 AM, George Karabatis &lt;georgek@umbc.edu&gt; wrote:  Phil,  we have two more elective courses from your department:  BIOL 306L and BIOL 414 have been approved by the ENTR Committee and we would like for them to also count towards the ENTR Minor requirements. We would need your confirmation for this. Can we use them for the ENTR Minor?  Thanks again,  George</p> <p>-----  George,</p> <p>I'm happy to confirm that the courses that are now listed as electives in the ENTR minor will continue to count toward our BIOL major or minor degrees.</p> <p>Phil Sent from my iPhone</p>

	<p>On Sep 4, 2018, at 4:35 PM, George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt; wrote:  Dear Philip,  The following course(s) offered by your Department are currently listed also as electives in the Entrepreneurship and Innovation (ENTR) Minor. [...] we need to confirm again that you allow your course(s) to count as part of the graduation requirements for the ENTR Minor.  Thank you very much for your quick response and apologies for asking again.  Course: BIOL 412</p>
<p>CHEM  311L, 405L</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: ENTR Designations in Chemistry  <b>Date:</b> Tue, 23 Oct 2018 12:49:11 -0400  <b>From:</b> Paul Smith &lt;<a href="mailto:pjsmith@umbc.edu">pjsmith@umbc.edu</a>&gt;  <b>To:</b> George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt;  <b>CC:</b> Vivian Armor &lt;<a href="mailto:armor@umbc.edu">armor@umbc.edu</a>&gt;</p> <p>Hi George,  Both 405L and 311L can both still be designated as ENTR.  Paul</p>
<p>CMPE 349,  450, 451</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of electives offered by your department  <b>Date:</b> Thu, 6 Sep 2018 21:23:33 -0400  <b>From:</b> Anupam Joshi &lt;<a href="mailto:joshi@cs.umbc.edu">joshi@cs.umbc.edu</a>&gt;  <b>To:</b> George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt;  <b>CC:</b> Vivian Armor &lt;<a href="mailto:armor@umbc.edu">armor@umbc.edu</a>&gt;</p> <p>Hi George,  Like previous years, we're delighted that they're being counted for the ENTR minor. The only caveat is that given our teaching resource pressure, only CMPE majors are likely to get in.  regards  Anupam</p> <p>On Thu, Sep 6, 2018 at 8:10 PM George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt; wrote:  Dear Anupam,  The following course(s) offered by your Department are currently listed also as electives in the Entrepreneurship and Innovation (ENTR) Minor. [...] we need to confirm again that you allow your course(s) to count as part of the graduation requirements for the ENTR Minor.  Thank you very much for your quick response and apologies for asking again.  Courses: CMPE 349, 450, 451</p>
<p>ECON 101,  374, 408,  418, 467,  476, 479,  482</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective courses offered by your department  <b>Date:</b> Thu, 6 Sep 2018 22:12:04 -0400  <b>From:</b> David Mitch &lt;<a href="mailto:mitch@umbc.edu">mitch@umbc.edu</a>&gt;  <b>To:</b> George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt;  <b>CC:</b> Vivian Armor &lt;<a href="mailto:armor@umbc.edu">armor@umbc.edu</a>&gt;</p> <p>Dear George: I can confirm that my response as of today (Sept.6, 2018) is the same as I gave you in August of 2017. That is, it is ok with me if the Econ courses you list count towards the ENTR minor. [...]  Best,  DAVID</p>

	<p>On Thu, Sep 6, 2018 at 8:29 PM, George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt; wrote:  Dear David,  The following course(s) offered by your Department are currently listed also as electives in the Entrepreneurship and Innovation (ENTR) Minor [...] we need to confirm again that you allow your course(s) to count as part of the graduation requirements for the ENTR Minor.  Thank you very much for your quick response and apologies for asking again.  Courses: ECON 101, 374, 408, 418, 467, 476, 479, 482</p>
<p>ENCH  225L, 486</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective courses offered by your department  <b>Date:</b> Tue, 11 Sep 2018 15:18:16 -0400  <b>From:</b> Mark Marten &lt;<a href="mailto:marten@umbc.edu">marten@umbc.edu</a>&gt;  <b>To:</b> George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt;  <b>CC:</b> Vivian Armor &lt;<a href="mailto:armor@umbc.edu">armor@umbc.edu</a>&gt;</p> <p>George,</p> <p>I am fine with you counting these approved courses (ENCH 225L and ENCH 486) as part of the ENTR Minor requirements.</p>
<p>ENME 204,  408, 444</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective courses offered by your department  <b>Date:</b>Thu, 18 Oct 2018 14:03:02 -0400  <b>From:</b>Ruey-Hung Chen &lt;<a href="mailto:chenrh@umbc.edu">chenrh@umbc.edu</a>&gt;  <b>To:</b><a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>  <b>CC:</b><a href="mailto:armor@umbc.edu">armor@umbc.edu</a></p> <p>Dear George:</p> <p>I think I would approve.</p> <p>[...]</p> <p>Thanks.  Ray</p> <p>On Thu, Oct 18, 2018 at 1:41 PM George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt; wrote:</p> <p>Dear Ray,</p> <p>We would like to include the following ENME courses in the ENTR Minor requirements:</p> <p>ENME 204, 408, 444</p>
<p>GWST 200</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective course offered by your department  <b>Date:</b>Thu, 18 Oct 2018 16:05:55 -0400  <b>From:</b>Carole McCann &lt;<a href="mailto:mccann@umbc.edu">mccann@umbc.edu</a>&gt;  <b>To:</b>George Karabatis &lt;<a href="mailto:georgek@umbc.edu">georgek@umbc.edu</a>&gt;  <b>CC:</b>Elle Everhart &lt;<a href="mailto:eaever@umbc.edu">eaever@umbc.edu</a>&gt;, Vivian Armor &lt;<a href="mailto:armor@umbc.edu">armor@umbc.edu</a>&gt;</p> <p>Hi George,</p>

	<p>Thanks for your email and confirmation that the course description will not be changed. In that case, we are happy to have GWST 200: Studies in Feminist Activism count for the ENTR minor.</p> <p>Best, Carole</p>
HAPP 354	<p>----- Forwarded Message -----  <b>Subject:</b>Fwd: Confirmation of electives offered by your department  <b>Date:</b> Fri, 5 Oct 2018 14:25:00 -0400  <b>From:</b> Sarah Chard &lt;schard@umbc.edu&gt;  <b>To:</b> J Kevin Eckert &lt;eckert@umbc.edu&gt;, George Karabatis &lt;georgek@umbc.edu&gt;</p> <p>Hi George,</p> <p>At HAPP's Committee meeting today the Committee confirmed that HAPP 354 should remain part of the ENTR minor. As Kevin is out this week and the issue is time sensitive, I am responding as Acting Chair with Kevin cc-d on the email to affirm the Department's support.</p> <p>Best, Sarah</p>
HIST 206, 311, 411	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of electives offered by your department  <b>Date:</b>Wed, 3 Oct 2018 18:39:40 -0400  <b>From:</b>Amy Froide &lt;froide@umbc.edu&gt;  <b>To:</b>George Karabatis &lt;georgek@umbc.edu&gt;</p> <p>Dear George,</p> <p>I would like to confirm that Hist 206, Hist 311 and Hist 411 can count as electives for the ENTR minor.</p> <p>Best, Amy</p>
INDS 430	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of electives offered by your department  <b>Date:</b> Wed, 3 Oct 2018 19:32:42 -0400  <b>From:</b> Stephen Freeland &lt;freeland@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;</p> <p>Hi George!</p> <p>Yes - we are still happy for INDS430 to be counted towards the ENTR. Thank you for this continuing, symbiotic partnership!</p> <p>Steve</p>

<p>IS 320, 420, 428, 448</p> <p>MGMT 210, 310</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of electives offered by your department  <b>Date:</b> Thu, 18 Oct 2018 14:07:12 -0400  <b>From:</b> Aryya Gangopadhyay &lt;gangopad@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;  <b>CC:</b> Vivian Armor &lt;armor@umbc.edu&gt;</p> <p>Hi George:</p> <p>I hereby confirm that the following courses: IS 320, 420, 428, 448, MGMT 210, 310 count as part of the graduation requirements of the ENTR minor. Thanks.</p> <p>Aryya</p>
<p>MCS 355, 377</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of elective courses offered by your department  <b>Date:</b> Tue, 9 Oct 2018 13:29:19 -0400  <b>From:</b> Jason Loviglio &lt;loviglio@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;  <b>CC:</b> Vivian Armor &lt;armor@umbc.edu&gt;</p> <p>Hi George,</p> <p>I write---once again--- to confirm that we allow and do not object to MCS 355 and MCS 377 being counted as part of the ENTR Minor. In fact, we are very happy with this arrangement, as are our students.</p> <p>Sincerely, Jason</p>
<p>MUSC 323</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of electives offered by your department  <b>Date:</b> Wed, 3 Oct 2018 19:08:47 -0400  <b>From:</b> E. Michael Richards &lt;emrich@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;  <b>CC:</b> Vivian Armor &lt;armor@umbc.edu&gt;</p> <p>Dear George,</p> <p>We have no objection to the ENTR minor including Music 323.</p> <p>Thanks, Michael</p>
<p>POLI 205</p>	<p>----- Forwarded Message -----  <b>Subject:</b>Re: Confirmation of electives offered by your department  <b>Date:</b> Wed, 5 Sep 2013 09:07:51 -0400  <b>From:</b> Carolyn Forestiere &lt;forestie@umbc.edu&gt;  <b>To:</b> George Karabatis &lt;georgek@umbc.edu&gt;</p> <p>Hello, Political Science agrees to allow POLI 205 to count toward the ENTR Minor. Thank you, Carolyn Forestiere</p>



THTR 345,  
460

----- Forwarded Message -----

**Subject:** Re: Confirmation of electives offered by your department

**Date:** Thu, 4 Oct 2018 05:11:08 -0700

**From:** JL Watson <jwatson@umbc.edu>

**To:** georgek@umbc.edu

**CC:** Vivan Armor <armor@umbc.edu>, Eric Abele <abele@umbc.edu>, Colette Searls <csearls@umbc.edu>, Lynn Watson <jwatson@umbc.edu>

Dear George,

Yes, I confirm that THTR 345 & 460 fulfill graduation requirements for the ENTR Minor.

Regards,  
-Lynn