

New Course CYIS 5770

New course selected: This new course is not seeking approval as a general education course.

1. Proposed course prefix and number:

CYIS 5770

2. Proposed credit hours:

1-4

3. Proposed course title:

Cybersecurity Special Topics

4. Proposed course prerequisites:

Department or Instructor approval

5. Proposed course corequisites:

Not Applicable

6. Proposed course prerequisites that may be taken concurrently (before or at the same time):

Not Applicable

7. Minimum grade for prerequisites (default grades are D for Undergrad and C for Grad):

C

8. Major and/or minor restrictions:

Include

9. List all the four-digit major and/or minor codes (from Banner) that are to be included or excluded:

CYCS, CSIJ, CSGM, CSGQ, CYAM, CYAC, CYBM, CYBC, BUAJ, CMIJ, MBSM

10. Classification restrictions:

Include

11. List all the classifications (freshman, sophomore, junior, senior) that are to be included or excluded:

SR

12. Level restriction:

Include

13. List the level (undergraduate, graduate) that is to be included or excluded.

GR

14. Do prerequisites and corequisites for 5000-level courses apply to undergraduates, graduates, or both?

Both

15. Is this a multi-topic course?

Yes

16. Proposed course title to be entered in Banner:

Cybersecurity Special Topics

17. Is this course repeatable for credit?

Yes

18. Is this course mandatory credit/no credit?

No

19. Select class type:

Lecture/Lab/Discussion

20. How many contact hours per week for this course?

2-5

A. Please choose Yes or No to indicate if this class is a Teacher Education class:

No

B. Please choose the applicable class level:

Both

C. Please respond Yes if this is a current general education course and/or a course being submitted for the new WMU Essential Studies program. Please respond No if it is neither.

No

D. Explain briefly and clearly the proposed improvement.

Create a CYIS Cybersecurity Special Topics course.

E. Rationale. Give your reason(s) for the proposed improvement. (If your proposal includes prerequisites, justify those, too.).

Create a course for special topics. This course can be used for special topics or new courses. We would like to have these in place as the curriculum develops and more faculty become involved in teaching the Cybersecurity curriculum so that we have the flexibility to offer fresh content that our faculty may wish to teach. These courses could potentially serve as electives for both the MS and BS Cybersecurity programs, as well as additional majors subject to advisor, chair, and/or department approval.

F. List the student learning outcomes for the proposed course or the revised or proposed major, minor, or concentration. These are the outcomes that the department will use for future assessments of the course or program.

Learning outcomes vary by course topic.

G. Describe how this curriculum change is a response to student learning assessment outcomes that are part of a departmental or college assessment plan or informal assessment activities.

Not applicable.

H. Effect on other colleges, departments or programs. If consultation with others is required, attach evidence of consultation and support. If objections have been raised, document the resolution. Demonstrate that the program you propose is not a duplication of an existing one.

None

I. Effect on your department's programs. Show how the proposed change fits with other departmental offerings.

No impact on other offerings.

J. Effects on enrolled students: are program conflicts avoided? Will your proposal make it easier or harder for students to meet graduation requirements? Can students complete the program in a reasonable time? Show that you have considered scheduling needs and demands on students' time. If a required course will be offered during summer only, provide a rationale. Adding this will enable students to take topics not normally offered in the curriculum.

K. Student or external market demand. What is your anticipated student audience? What evidence of student or market demand or need exists? What is the estimated enrollment? What other factors make your proposal beneficial to students?

The course will reflect current industry Cybersecurity needs.

L. Effects on resources. Explain how your proposal would affect department and University resources, including faculty, equipment, space, technology, and library holdings. Tell how you will staff additions to the program. If more advising will be needed, how will you provide for it? How often will course(s) be offered? What will be the initial one-time costs and the ongoing base-funding costs for the proposed program? (Attach additional pages, as necessary.)

No additional resources needed to offer this course.

M. With the change from General Education to WMU Essential Studies, this question is no longer used.

For courses requesting approval as a WMU Essential Studies course, a syllabus identifying the student learning outcomes and an action plan for assessing the student learning outcomes must be attached in the Banner Workflow system.

Not Applicable

N. (Undergraduate proposals only) Describe, in detail, how this curriculum change affects transfer articulation for Michigan community colleges. For course changes, include detail on necessary changes to transfer articulation from Michigan community college courses. For new majors or minors, describe transfer guidelines to be developed with Michigan community colleges. For revisions to majors or minors, describe necessary revisions to Michigan community college guidelines. Department chairs should seek assistance from college advising directors or from the admissions office in completing this section.
Not applicable.

O. Current catalog copy:
Not applicable.

P. Proposed catalog copy:
Course content varies. This course will occasionally be offered so that students may take a course about a Cybersecurity topic not normally covered in depth within the standard course offerings.

Students can take this course more than once as long as the content is different, and they have approval from their advisor.

CYIS 5770: Cybersecurity Special Topics

Course content varies. This course will occasionally be offered so that students may take a course about a Cybersecurity topic not normally covered in depth within the standard course offerings.

Students can take this course more than once as long as the content is different, and they have approval from their advisor.

Prerequisites/Corequisites: Prerequisite: Department or Instructor approval.

Credits: 1 to 4 hours

Notes: May be repeated for credit. Open to upper level and graduate students.