

UMBC UGC Program Changes & Other Request: Web Development Certificate

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Proposed Effective Date: 08/30/2017

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Specifics (see instructions):

We are proposing a change to the course requirements for one of our Upper Division Certificates – the Web Development Certificate.

We would like to remove one of the required courses IS387 from the list of courses that need to be taken and make both the courses IS403 and IS413 required for the certificate.

Current Course Requirements	Proposed New Course Requirements
<p>All courses must be completed with a grade of “C” or better</p> <p>Courses: 15 credits (12 upper level)</p> <ul style="list-style-type: none"> • IS 247 – Computer Programming II (credits: 3) • IS 303 – Human Factors in Computer System Design (credits: 3) • IS 387 – Web Content Development (credits: 3) • IS 448 – Markup and Scripting Languages (credits: 3) <p>And one of the following:</p> <ul style="list-style-type: none"> • IS 403 – User Interface Design (credits: 3) • IS 413 – GUI Systems Using Java (credits: 3) 	<p>All courses must be completed with a grade of “C” or better</p> <p>Courses: 15 credits (12 upper level)</p> <ul style="list-style-type: none"> • IS 247 – Computer Programming II (credits: 3) • IS 303 – Human Factors in Computer System Design (credits: 3) • IS 448 – Markup and Scripting Languages (credits: 3) • IS 403 – User Interface Design (credits: 3) • IS 413 – GUI Systems Using Java (credits: 3)

Rationale (see instructions):

With the proposed change, the programming content of the certificate will be increased, since we will now be requiring students to take IS413 which is a programming-heavy course. This change will be more in line with the title and intent of the certificate as well, which is about web ‘development’. Logistically, the IS department is not offering the IS387 course as frequently anymore which hinders students’ ability to earn the Web Development Certificate. Therefore, we would like to remove IS387 from the list of required courses for the certificate and change the certificate’s course requirements to make both IS403 and IS413 as required courses.