**RE: 20 hours requirements**

Hi Spence,

I know I already spoke to you about this, but here is my response in writing. The engineering part is there because many engineering classes are very close to other science disciplines (especially physics and physical chemistry). There is a particularly strong mathematical focus in engineering that would be welcome in some groups that are more math oriented. The 20 semester hours of science content is prevent students from having no upper division science courses from gaining admission into our program. We've had several students who majored in other degrees try to get into our program with nothing more than maybe Chem 1 and 2 plus intro to biology. We feel those students are not adequately prepared for graduate courses much less graduate research. I'm not familiar with the nutritional sciences degree, but anything in their degree plan above the intro science classes will count toward this requirement (OChem, biochem, etc.). If students do not meet this requirement, we advise them to take a few undergraduate classes to better prepare themselves and to apply again.

Finally, I'd like to note that this particular admission requirement (and the language in it) has been our requirement for some time. We are not changing this aspect of admission with this proposal.

I hope this provides some clarity.

Sincerely,

Chris

On Tue, Nov 12, 2019 at 2:53 PM Spence Pilcher <[pilchesc@nsuok.edu](mailto:pilchesc@nsuok.edu)> wrote:

Hi Chris and Sean,

Sallie had a question about the requirement that the students administered into the MSNS program having to have 20 hours of natural sciences and/or engineering.  I know I can answer the dean's question about the engineering and I think I can answer Sallie's question as well but wanted to check.  We want students to have 20 hours in chemistry, biology, physics, and/or engineering.  Correct?  A student coming in with 20 hours of nutritional science would not be prepared for the program.  Correct?

Thanks,

Spence

---------- Forwarded message ---------  
From: **Dr. Pamela Hathorn** <[hathorn@nsuok.edu](mailto:hathorn@nsuok.edu)>  
Date: Tue, Nov 12, 2019 at 1:07 PM  
Subject: Fwd: Proposals for CCC  
To: Spence Pilcher <[pilchesc@nsuok.edu](mailto:pilchesc@nsuok.edu)>, SALLIE RUSKOSKI <[ruskosks@nsuok.edu](mailto:ruskosks@nsuok.edu)>

Spence, see Sallie's question below-- why does it say and/or engineering? I did not realize it had that wording-- Pam

Pamela K. Hathorn, Ph.D.  
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Northeastern State University  
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---------- Forwarded message ---------  
From: **SALLIE RUSKOSKI** <[ruskosks@nsuok.edu](mailto:ruskosks@nsuok.edu)>  
Date: Tue, Nov 12, 2019 at 12:48 PM  
Subject: Re: Proposals for CCC  
To: Pamela Hathorn <[hathorn@nsuok.edu](mailto:hathorn@nsuok.edu)>

Question, on the MSNS, it says that they need to have 20 hours of natural science and/or engineering.  Does that mean that someone with a health profession's bachelors degree can't be considered for the MSNS?

Sallie

Hi Kaylin,

I'd be happy to talk with you about our M.S. degree. We can either talk in person if you are still in Tahlequah, or I can send you information via email. I agree with Dr. Pilcher that you should coordinate with your preferred doctoral program about possible course transfers. We can also aim for the spring 2020 semester if you prefer to get started as soon as possible. The graduate assistant positions Dr. Pilcher mentioned include $3,500 plus six credit hours of tuition waiver per semester. This is in exchange for 20 hours of work toward the Department, usually in the form of teaching lab classes.

Sincerely,

Chris