



Missouri State
UNIVERSITY

February 8, 2010

Gavin O'Connor, Ph.D.
Assistant Dean of Sciences
Ozarks Technical Community College
1001 East Chestnut Expressway
Springfield, MO 65802

Dear Dr. O'Connor

This letter is written in support of the AS degree proposals in chemistry and biology from OTC. The proposed Associate of Science Degrees in Chemistry and Biology at OTC would transfer to Missouri State University. Students interested these degree programs should be offered advising at both institutions to facilitate a smooth transition. An example of a completion program for one option in chemistry and one option in biology is indicated below.

Upon successful completion of the AS in Chemistry at OTC students would be required to complete the following requirements at Missouri State University to complete a comprehensive degree program in chemistry:

If the OTC student completes HST120 or 130 as the Humanities elective then the following courses remain for General Education requirements: PED100 (2 credits), culture and society (2 courses, 6 credits), self-understanding (3 courses, 9 credits). **Total 17 credit hours.**

The following courses are required for the chemistry major: Organic Chemistry I and II (CHM342, 343 – 10 credits), Intermediate Inorganic (CHM375 – 3 credits), Chemical Symposium (CHM398 – 1 credit), Physical Chemistry I, II, and lab (CHM506, 507, 508 – 8 credits), Advanced Analytical Methods (CHM502 – 4 credits), Biochemistry I (CHM452 – 3 credits), Advanced Inorganic Chemistry (CHM575 – 3 credits), Senior Seminar (CHM498 – 1 credit), and chemistry electives to meet one of three options (8-21 credits). **Total 41-54 credit hours.**

Upon successful completion of the AS in Biology at OTC students would be required to complete the following requirements at Missouri State University to complete a comprehensive general biology degree program:

If the OTC student completes HST120 or 130 as the Humanities elective then the following courses remain for General Education requirements: PED100 (2 credits), culture and society (2 courses, 6 credits), self-understanding (3 courses, 9 credits). **Total 17 credit hours.**

OFFICE OF THE PROVOST

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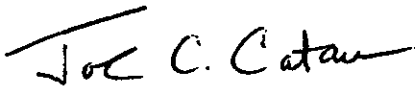
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The following courses are required for the biology major assuming the student completed CHM111 and 112 at OTC: Microbiology or Introduction to Cell Biology (BIO310 or 320 – 4-5 credits), General Ecology (BIO369 – 4 credits), 6 credits in structural and functional biology, 6 credits in biodiversity, 6 credits in ecology for a total of 50 credit hours in biology. Assuming 12 credits will be transferred from OTC then 38 credit hours will be required at Missouri State. **Total 38 credit hours.**

These two AS programs will be particularly popular for science majors who know that they want to go on for either a BS or MS degree at Missouri State University. These two programs will allow the students to complete their programs in a shorter time period than a typical AA degree. MSU will continue to monitor course equivalencies at OTC.

Sincerely,

A handwritten signature in black ink that reads "John C. Catau". The signature is written in a cursive style with a long horizontal line extending from the top of the "J".

John Catau, PH
Associate Provost