

THE UNIVERSITY OF NORTH CAROLINA ASHEVILLE
FACULTY SENATE

Senate Document Number SD1522S
Date of Senate Approval 2/03/2022

Statement of Faculty Senate Action:

**APC Document 11 (CHEM): Editorial changes necessitated by the reinstatement of CHEM 236:
Cambridge Advanced International;
International Baccalaureate;
Major in Biology and prerequisites for BIOL 443 and 444;
Major in Environmental Studies and Earth Science with Teacher
Licensure;
Minor in Neuroscience;
Physics with Comprehensive Science Licensure**

Effective Date: Fall 2022

- 1. Delete:** On page 38, the Chemistry entry under **Cambridge Advanced International Certificate Exams**

<u>Exam</u>	<u>Level</u>	<u>Grade</u>	<u>Credit Hours</u>	<u>UNCA Equivalent</u>
Chemistry	AS	C	1	CHEM 111
	AS	A or B	4	CHEM 111, 132
	A	C	4	CHEM 111, 132
	A	A or B	7	CHEM 111, 132, 233

Add: On page 38, in place of deleted entry:

<u>Exam</u>	<u>Level</u>	<u>Grade</u>	<u>Credit Hours</u>	<u>UNCA Equivalent</u>
Chemistry	AS	C	1	CHEM 111
	AS	A or B	4	CHEM 111, 132
	A	C	4	CHEM 111, 132
	A	A or B	7	CHEM 111, 132, 236

- 2. Delete:** On page 41, the Chemistry entry under **International Baccalaureate**

<u>Exam</u>	<u>Level</u>	<u>Score</u>	<u>Credit Hours</u>	<u>UNCA Equivalent</u>
Chemistry	SL	5	1	CHEM 111
	SL	6, 7	4	CHEM 111, 132
	HL	4, 5	4	CHEM 111, 132
	HL	6, 7	7	CHEM 111, 132, 233

Add: On page 41, in place of deleted entry:

<u>Exam</u>	<u>Level</u>	<u>Score</u>	<u>Credit Hours</u>	<u>UNCA Equivalent</u>
Chemistry	SL	5	1	CHEM 111
	SL	6, 7	4	CHEM 111, 132
	HL	4, 5	4	CHEM 111, 132
	HL	6,7	7	CHEM 111, 132, 236

3. **Delete:** On page 91, item III under **Major in Biology:**

III. Required courses outside the major—19 hours including: CHEM 111, 132 145, 231, and either 232 or 233; MATH 191 (requires completion of MATH 167 or placement); PHYS 131.

Add: On page 91, in place of deleted entry:

III. Required courses outside the major—19 hours including: CHEM 111, 132 145, 231, and either 232, 233, or 236; MATH 191 (requires completion of MATH 167 or placement); PHYS 131.

4. **Delete:** On page 96, the prerequisites for **BIOL 443:**

Prerequisites: BIOL 135, 136; CHEM 111, 145, 233.

Add: On page 96, in place of deleted entry:

Prerequisites: BIOL 135, 136; CHEM 111, 145, and either 233 or 236.

5. **Delete:** On page 96, the prerequisites for **BIOL 444:**

Prerequisites: BIOL 136; CHEM 111, 145, 231, 233.

Add: On page 96, in place of deleted entry:

Prerequisites: BIOL 136; CHEM 111, 145, 231, and either 233 or 236.

6. **Delete:** On page 149, item II under **Environmental Studies majors must fulfill the following requirements:**

II. Required courses outside the major—12-16 hours: CHEM 111, 132, 145, and either 231 or 233; MATH 167 and STAT 185. MATH 191 may be taken in lieu of both MATH 167 and STAT 185. CHEM 233 is required for students completing the Earth Science concentration. MATH 191 is recommended for students planning to attend graduate school.

Add: On page 149 in place of deleted entry:

- II. Required courses outside the major—12-16 hours: CHEM 111, 132, 145, and either 231, 233, or 236; MATH 167 and STAT 185. MATH 191 may be taken in lieu of both MATH 167 and STAT 185. CHEM 233 or 236 is required for students completing the Earth Science concentration. MATH 191 is recommended for students planning to attend graduate school.

7. Delete: On page 150, item III under **Earth Science with 9-12 Teacher Licensure:**

- III. Required courses outside the major—20 hours: CHEM 111, 132, 145, 233; MATH 167 or 191; PSYC 319; STAT 185; and additional requirements indicated in the Education section of the catalog.

Add: On page 149 in place of deleted entry:

- III. Required courses outside the major—20 hours: CHEM 111, 132, 145, and either 233 or 236; MATH 167 or 191; PSYC 319; STAT 185; and additional requirements indicated in the Education section of the catalog.

8. Add: On page 203, in the list of courses for the **Neuroscience Minor**, after CHEM 233:

CHEM 236 General Chemistry II (3)

9. Delete: On page 265, item II under **Physics with Comprehensive Science Teacher Licensure:**

- II. Required courses outside the major—35-39 hours, including BIOL 125, 126; CHEM 111, 132, 145, 233; ENVR 105, 130; MATH 191 (requires completion of MATH 167 or placement), 192, 291; PSYC 319 and those additional course requirements indicated in the Education section of the catalog.

Add: On page 265, in place of deleted entry:

- II. Required courses outside the major—35-39 hours, including BIOL 125, 126; CHEM 111, 132, 145, and either 233 or 236; ENVR 105, 130; MATH 191 (requires completion of MATH 167 or placement), 192, 291; PSYC 319 and those additional course requirements indicated in the Education section of the catalog.

Impact: With the reinstatement of CHEM 236, students in other major and minors will now have the option of taking either CHEM 233 or 236 to complete the requirements. This change seeks to minimize the impact on transfer students in biology, environmental studies, and physics with comprehensive science licensure, by maintaining the same course transfer arrangement that has been serving their students without adding additional coursework to earn these degrees.

Rationale: These are editorial changes resulting from the reinstatement of CHEM 236.