

MEMORANDUM

To: School Superintendents and Principals

From: Dr. Jennifer Jensen, Assistant Director, Curriculum & Instruction
Dr. Kenneth Folks, Chief Academic Officer

Date: April 18, 2019

Re: Core 40 Science Requirement Recommendations

Guidance

Pursuant to HEA 1426, the State Board adopted revised rules regarding science requirements for the Core 40 curriculum model. In order to earn a Core 40 diploma designation, students are still required to have (1) two credits of Biology I, (2) two credits of Chemistry I or Physics I or Integrated Chemistry-Physics, and (3) two credits of any other Core 40 science course. Acting on recommendations from a committee of content area experts, representing both secondary and postsecondary institutions, the State Board approved expanding the list of courses that students can take to satisfy the science requirement. Effective immediately, in addition to all previously approved courses, the following courses can be used to satisfy the third science requirement:

- 4570 AP Computer Science A
- 4568 AP Computer Science Principles
- 4854 IB Computer Science Higher Level
- 4856 IB Computer Science Standard Level
- 8118 Cambridge International AS Level Computer Science
- 8116 Cambridge International A Level Computer Science
- 4801 Computer Science I
- 5236 Computer Science II
- 5250 Computer Science III: Databases
- 5251 Computer Science III: Informatics
- 5249 Computer Science III: Software Development
- 5253 Computer Science III: Cybersecurity
- 5261 PLTW Cybersecurity
- 4816/5518 Aerospace Engineering
- 4818 Environmental Sustainability
- 4814/5644 Principles of Engineering
- 5008 Animal Science
- 5180 Natural Resources
- 5170 Plant and Soil Sciences
- 5229 Sustainable Energy Alternatives
- 5216 PLTW Human Body Systems
- 5217 PLTW Medical Interventions
- 5215 Health Science Education II: Physical Therapy