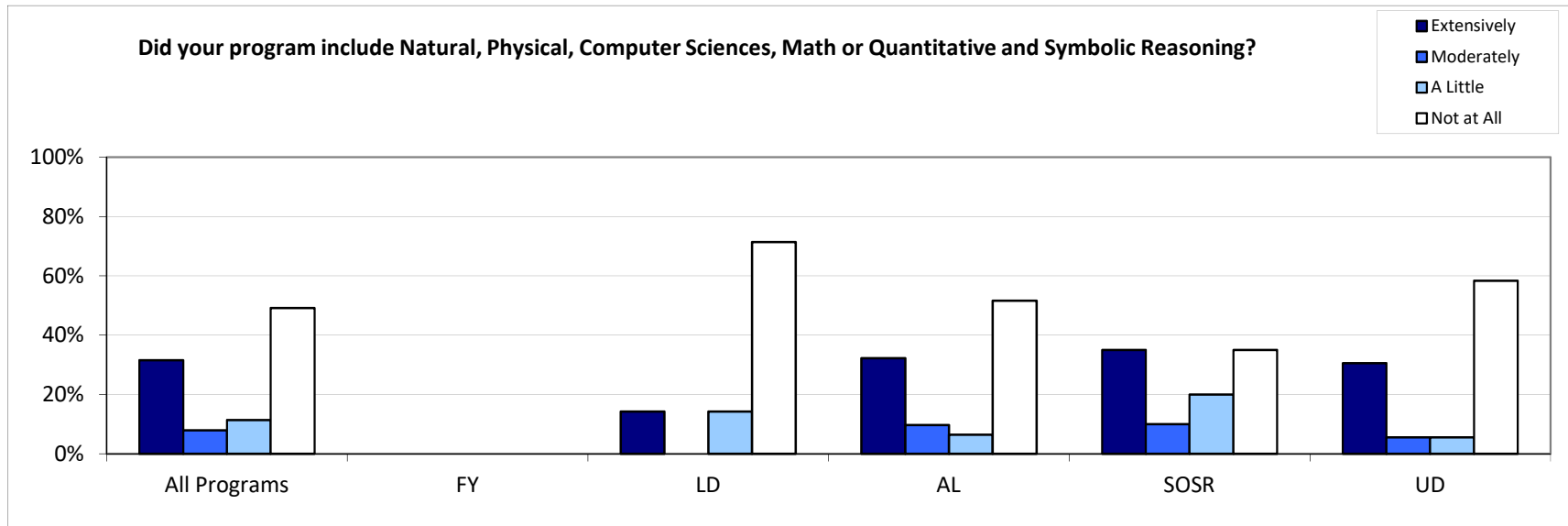


## End-of-Program Review 2019-20

### Natural, Physical, Computer Sciences, Math or Quantitative and Symbolic Reasoning

Dispite the fact that Math or Quantitative and Symbolic Reasoning was added to this division for this new cycle, the presence (Extensively, Moderately or A little) of the division in programs continue to decrease since 2016-17 (63%) to reached 51%, the second lowest point in the past five years. The most common fields of Natural, Physical, Computer Sciences, Math or Quantitative and Symbolic Reasoning taught in programs that included that division were: Biology (25%), Mathematical Sciences (21%), Other Natural Sciences (19%), and Environmental Studies (15%).

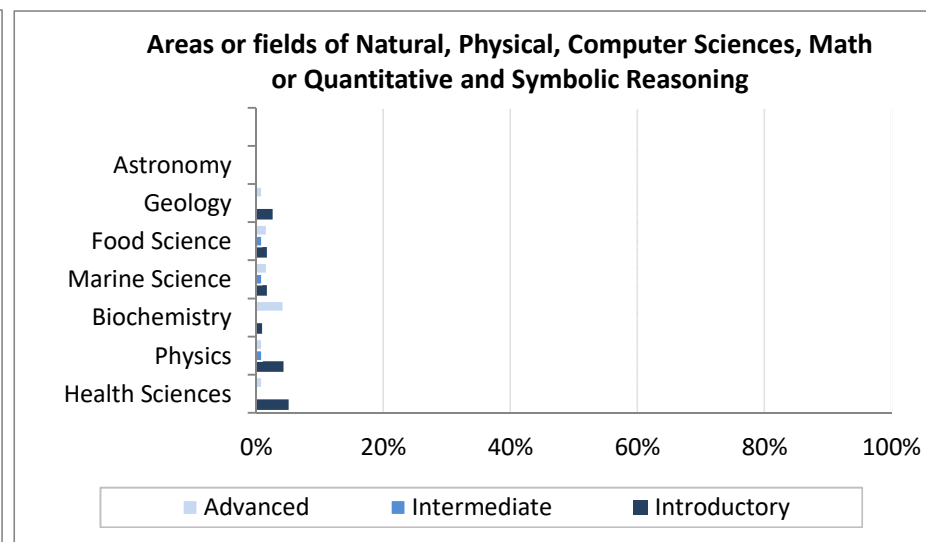
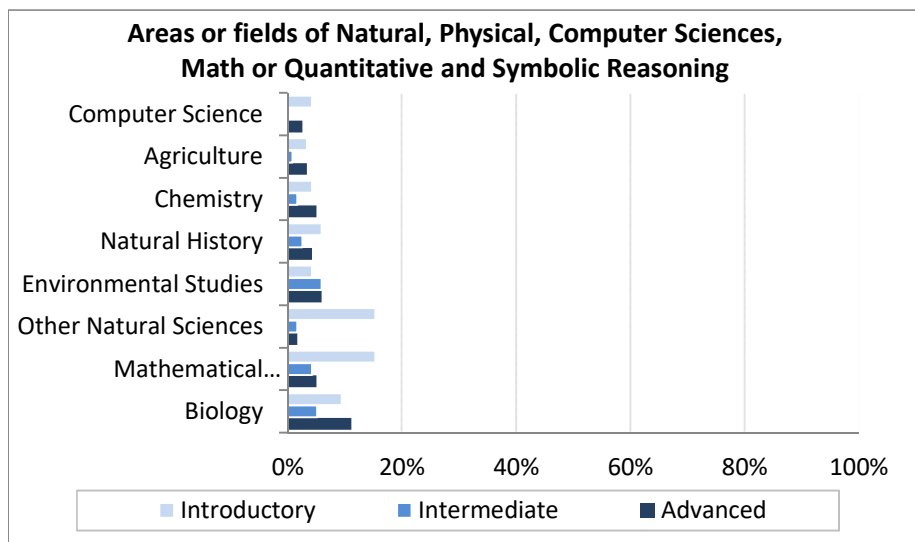


	Extensively	Moderately	A Little	Not at All	% Programs with any Natural, Physical or Computer Sciences	Programs with any Natural, Physical or Computer Sciences (N)	Programs responded (N)
All Programs	31.6%	7.9%	11.4%	49.1%	50.9%	56	114
First-year (FY) FY only	0.0%	0.0%	0.0%	0.0%	0.0%	0	0
Lower Division (LD) FY-SO	14.3%	0.0%	14.3%	71.4%	28.6%	5	7
All Level (AL) FR-SR	32.3%	9.7%	6.5%	51.6%	48.4%	16	36
Sophomore-Senior (SOSR)	35.0%	10.0%	20.0%	35.0%	65.0%	14	40
Upper Division (UD) JR-SR	30.6%	5.6%	5.6%	58.3%	41.7%	21	36

**Level at which the following areas or fields of Natural, Physical or Computer Sciences were taught in programs that included Natural , Physical or Computer Sciences.**

*(NB: The percent does not add to 100% because a field can be taught at different levels in a program )*

	Introductory	Intermediate	Advanced	% programs that taught field
Biology	10%	5%	11%	<b>25%</b>
Mathematical Sciences (Math and Stats)	15%	4%	5%	<b>21%</b>
Other Natural Sciences	15%	2%	2%	<b>19%</b>
Environmental Studies	4%	6%	6%	<b>15%</b>
Natural History	6%	3%	4%	14%
Chemistry	4%	2%	5%	10%
Agriculture	3%	1%	3%	8%
Computer Science	4%	0%	3%	7%
Health Sciences	5%	0%	1%	6%
Physics	4%	1%	1%	6%
Biochemistry	1%	0%	4%	5%
Marine Science	2%	1%	2%	4%
Food Science	2%	1%	2%	3%
Geology	3%	0%	1%	3%
Astronomy	0%	0%	0%	0%



**Explanation of Other:**

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Symbolic Reasoning

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Soil Science

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Scientific Communication

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Image analysis, GIS, drone technology

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Hydrology

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Ecology

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Botany

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ArcGIS Pro

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Traditional Ecological Knowledge (TEK) [13 Native Programs]