B.A. BIOLOGICAL SCIENCES (129 credits)

NAME:
I. COLLEGE CORE ( 17 courses + VPA [52 cr]; 46 cr not incl MTH and BIO)

| First Year Seminar (Core 100) | 3 | Le Moyne Hrs | Courses |
| :---: | :---: | :---: | :---: |
| _Writing 101 | 3 |  |  |
| _Philosophy 110 | 3 | Transfer Hrs | Courses |
| Philosophy 210 | 3 |  |  |
| _Religious Studies | 3 |  |  |
| Theology | 3 |  |  |
| _English 210 | 3 |  |  |
| English 310 | 3 |  |  |
| History 110 | 3 |  |  |
| _History 111 | 3 |  |  |
| _Mathematics (fulfilled by major req.) | 3 |  |  |
| _ _ Encountering Another Culture/Language | $6^{1}$ |  |  |
| Social Science | 3 |  |  |
| Natural Science (fulfilled by major requirements) | 3 |  |  |
| _IDS: Interdisciplinary Nat. Sci./Soc. Sci./Mathem | atics 3 |  |  |
| _Interdisciplinary Senior Capstone (Core 400) | 3 |  |  |
| _Visual \& Performing Arts | $1^{2}$ |  |  |
| _Diversity | $0^{3}$ |  |  |
| MAJOR REQUIREMENTS |  |  |  |

Biology ( 8 courses; 30-31 credits) A minimum of 6 must be classroom courses (as opposed to research). At least 4 BIO courses must be taken at Le Moyne College.

BIO 191
BIO 192
4 credits, fulfills Nat. Sci. Core requirement

BIO 225 (Poison.Planet)
4 credits

BIO 218 (Cell \& Molec.)
_ 3 credits

4 additional BlO courses, at least one taken from each of the areas listed below. At least 3 of these courses must have lab components (i.e. be 4 credit courses).

| Molec.\&Cell.Bio: | $-3 / 4$ credits |
| :--- | :--- |
| Organismal Bio | $-3 / 4$ credits |
| Ecol/Popul Bio | $-3 / 4$ credits |
| [BEN 481 (Bioinstrumentation) | -3 credits] ${ }^{*}$ |

III. OTHER COURSES - SU (4 courses; 12 credits)


* Courses in brackets taken at Syracuse University.

[^0]
## Typical Program for B.A. with Pre-Engineering Concentration** 2016 (new core)

## First Year

FALL

| BIO 191 | 4 credits |
| :--- | :--- |
| CHM 151+ Lab | 4 credits |
| WRT 101 | 3 credits |
| MTH 145 | 4 credits |
| COR 100 | $\frac{3 \text { credits }}{18 \text { credits }}$ |

## Second Year

| FALL |  |
| :--- | :--- |
| BIO 218 | 4 credits |
| PHY 105 + Lab | 4 credits |
| MTH 245 | 4 credits |
| HST 110 | $\underline{3 \text { credits }}$ |
|  | 15 credits |


| SPRING |  |  |
| :--- | :--- | :--- |
| BIO |  | $3-4$ credits |
| PHY 106 + Lab |  | 4 credits |
| MTH 303/4 |  | 3 credits |
| HST 111 | 3 credits |  |
| ENG 210 |  | $\underline{3 \text { credits }}$ |
|  |  | $16-17$ credits |

## Third Year

FALL
BIO 225
MTH 311
ENG 310
CHM 223 + Lab
ELE 231*

| 3 credits |
| :--- |
| 3 credits |
| 3 credits |
| 4 credits |
| 3 credits |
| 16 credits |

BIO
MTH 312
PHL 210
ECS 221*
ELE 251*

3-4 credits
3 credits
3 credits
3 credits
3 credits
15-16 credits

## Fourth Year

| FALL |  |
| :--- | :--- |
| EAC/Language | 3 credits |
| IDS | 3 credits |
| REL | 3 credits |
| BIO | $3-4$ credits |
| BEN 481* | $\frac{3 \text { credits }}{15-16 \text { credits }}$ |

SPRING
EAC/Language $\quad 3$ credits
CORE $400 \quad 3$ credits
THE 3 credits
ESC 104* 3 credits
VPA $\quad 1$ credit 13 credits

* Taken at Syracuse University.
** For more details on the five year dual bachelor's/master's degree in engineering program offered in affiliation with Syracuse University, please refer to the Undergraduate Transfer Programs portion of this catalog.


[^0]:    ${ }^{1}$ Typical number of credits to fulfill requirement. However, students may also fulfill this requirement with a semester of study abroad or by demonstrating intermediate language proficiency in an examination accepted by the Department of Foreign Languages.
    ${ }^{2}$ Students may fulfill this requirement by taking any approved 3-credit course in the appreciation or creation of visual, creative or performing arts; by taking any college course with a "VPA" designation, indicating that it includes 1-credit worth of VPA content; or, by taking an approved 1 -credit independent study or special topics in performance or appreciation.
    ${ }^{3}$ While this is a non-credit-bearing requirement, all students must take one course listed with a "DIV" designation from the list of such courses offered throughout the College.

