Cancer Biology Plan of Work Guide

Mandatory Courses

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| **Number** | **Course Name** | **Credits** |
| IBS7010 | Molecular Biology (F term 1st year) | 5 |
| IBS7020 | Cell Biology (F term 1st year) | 5 |
| IBS70?? | IBS Elective (W term 1st year) | 2 |
| IBS70?? | IBS Elective (W term 1st year) | 2 |
| CB7210 | Fundamentals of Cancer Biology (W term 1st year) | 3 |
| CB7990 | Research Technologies (W term 1st year) | 1 |
| CB7130 | Clinical aspects of Cancer Biology (S/S term 1st year) | 1 |
| CB7700 | Recent Developments in CB (every Fall and Winter starting F term 2nd Year until 6) | 6 |
| CB7890 | Seminars in CB (every Fall and Winter starting W term 1st Year until 6) | 6 |
| BMS6010 | Ethics (S/S 2nd Year) | 1 |

**Mandatory Research**

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| CB7710 | Individual Studies (Lab Rotations – 3 Required, register W, S/S of 1st Year, and F of 2nd) | 3 |
| CB7996 | Research (take up to 15 credits. Can substitute courses for CB7996) | 15  |
| CB9991 | Candidate status I (F term 3rd year) | 7.5 |
| CB7992 | Candidate status II (W term 3rd year) | 7.5 |
| CB9993 | Candidate status III (F term 4th year) | 7.5 |
| CB9994 | Candidate status IV (W term 4th year) | 7.5 |

## Mandatory CB Electives (One course from each pair is required)

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| --- | --- | --- | --- | --- | --- |
| **\*Pair** | **Course** | **Course Name** | **Fall** | **Winter** | **Credits** |
| 1  | CB7600CB7430 | Applied Cancer Biostatistics**Or**Cancer Epidemiology | Even | Odd | 22 |
| 2 | CB7460\*\*CB7220 | Mechanisms of Neoplasia: Signaling**Or**Molecular Biology of Cancer Development | EvenOdd |  | 33 |
| 3 | \*\*CB7240\*\*CB7410 | Cancer Chemotherapy**Or**Current Trends in Immunology |  | EvenOdd | 23 |

**\*A minimum of one from each pair is required. You can take as many as you like (swap out CB7996).**

 **\*\*CB7220 and CB7240 crosslisted with PHC7220 and PHC7240, respectively. \*CB7410 crosslisted with IM7450.**

Ninety (90) credits are required for graduation.

Three (3) rotations – (CB7710) are required.

Fourteen (14) IBS credits are required: IBS7010 (5 cr.), IBS7020 (5 cr.), and two other IBS electives.

Fundamentals of Cancer Biology CB7210 (3 cr.) is required.

Clinical aspects of Cancer Biology CB7130 (clinical rotation) (1 cr.) is required.

Ethics BMS6010 (1 cr.) is required.