**Credit Hours**

**DANC 1231-1234; 2231-2234; 3231-3234; 4231-4234**

**DANC 4003-4008; 4103-4108**

**TOTAL** **18**

**1301,1302. Beginning Ballet.**

**1303, 1304. Beginning Modern Dance.**

**1305, 1306. Beginning Jazz Dance.**

**2107. World Rhythms I.**

**2108. World Rhythms II.**

**2301, 2302. Intermediate Ballet.**

**2303, 2304. Intermediate Modern Dance.**

**2305, 2306. Intermediate Jazz Dance.**

**2345. Improvisation and Movement Studies.**

**4119. Ballet – Supplemental II.** A
B , B B
, B
A 3215, 3216, 3217, 3218, 3311, 3312, 3313, 3314, 3315, 3316, 4215, 4216, 4217, 4218, 4311, 4312, 4313, 4314.

**4120. Modern Dance – Supplemental.** A
A 3321, 3322, 3323, 3324, 4321, 4322, 4323, 4324.

**4129. Modern Dance – Supplemental II.** A
A 3321, 3322, 3323, 3324, 4321, 4322, 4323, 4324.

**4130. Jazz Dance – Supplemental.** A
A 3231, 3232, 3233, 3234, 4231, 4232, 4233, 4234.

**4139. Jazz Dance – Supplemental II.** A
A 3231, 3232, 3233, 3234, 4231, 4232, 4233, 4234.

**4210. Ballet – Immersive.** A
B , B B
, B

**4219. Ballet – Immersive II.** A
B , B B
, B

**4220. Modern Dance – Immersive.** A

**4229. Modern Dance – Immersive II.** A

**4230. Jazz Dance – Immersive.** A

**4239. Jazz Dance – Immersive II.** A

## *E e b.e Pe f a ce*

**1080. Ensemble Performance I.**
. B

**2080. Ensemble Performance II.**
. B
A 1080.

**3080. Ensemble Performance III.**
. B
A 2080.

**4080. Ensemble Performance IV.**
. B
A 3080.

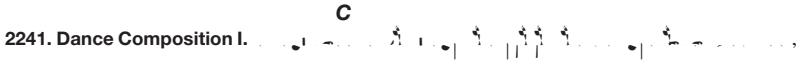
**4081. Ensemble Performance V.**
. B
A 4080.

**4082. Ensemble Performance VI.**


**4083. Ensemble Performance VII.**


**4084. Ensemble Performance VIII.**


***C***

**2241. Dance Composition I.** 

**4190, 4290, 4390. Directed Studies.**

**2362. Dance Notation II.**
A 2361.

**2381. Repertory and Performance I.**

**2382. Repertory and Performance II.**
A 2381

**3381. Repertory and Performance III.**
A 2382

**3382. Repertory and Performance IV.**
A 3381

**4003, 4004, 4103, 4104. Pas de Deux I.**
A

**4005, 4006, 4007, 4008, 4105, 4106, 4107, 4108. Pas de Deux II.**
A

**4245. Advanced Choreographic Projects.**
A 3244

**4260. Pilates.** A
A A 2160.
A 2160

## JOURNALISM

**, Belo Distinguished Chair of Journalism**

**Assistant Professors:**
**Executive-in-Residence: ; Senior Lecturers:** B
**Adjunct Professors:** B

21

**Instructional Facilities**

## Admission and Degree Requirements

1301 (
) 1302 (
.A. 3.00 ( )
.A.

## Scholarships

## Honors Program

.A
.A. 3.50 .A
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A
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## Internships and Practica

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| | |
|---|---|
| | ***C ed H*** |
| **CCJN 2304** B A | 3 |
| **CCJN 2312** | 3 |
| **CCJN 2313** | 3 |
| **CCJN 2380** | 3 |
| **CCJN 4316** | 3 |
| ***S, ... Re e e :*** | 3 |
| A 3 | |
| **CCJN 3335** | |
| **CCJN 3357** | |
| **CCJN 3360** A | |
| **CCJN 3358** | |
| **CCJN 3365** | |
| **CCJN 3382** | |
| **CCJN 4310** | |
| **CCJN 4320** B | |
| **CCJN 4321** | |
| **CCJN 4384** A | |
| **CCJN 4385** | |
| **CCJN 4388** | |
| **CCJN 4390** A | |
| ***T ca..S de Re e e :*** | 3 |
| A 3 | |
| **CCJN 3325** | |
| **CCJN 3385** -A | |
| **CCJN 4300** B | |
| **CCJN 4306** B | |
| **CCJN 4344** | |
| **CCJN 4345** | |
| **CCJN 4387** A | |
| **CCJN 4392** | |
| **CCJN 4395** A | |
| **CCJN 4396** | |
| **CCJN 5301** | |
| **CCJN 5302** | |
| **CCJN 5303** | |
| **CCJN 5304** | |
| ***C ca..S de Re e e :*** | 3 |
| A 3 | |
| **CCJN 3390** | |
| **CCJN 3396** | |
| **CCJN 4331** | |
| **CCJN 4360** | |
| **CCJN 4370** | |

| | *C ed H* |
|---|---|
| **CCJN 4380** B | |
| **CCJN 4394** | |
| **CCJN 4393** | |
| **CCJN 4397** A | |
| ***J a.. E.ec e (a J a.. c e):*** | 6 |
| A 6 | |
| ***Mead E.ec e/C e e*** | 3 |
| | 8 |
| | 34 |
| **TOTAL** | **122** |

***M J a..***

A

***Re e e : 24 e , d b ed a f ... :***

**CCJN 2302**
**CCJN 2303**
**CCJN 2304** B A
**CCJN 2312**
**CCJN 2313**
**CCJN 2380**
**CCJN 4316**

## The Courses (CCJN)

**2301. Mass Media and Society.** A

**2302. Ethics of Convergent Media.** 0.003 , 1 A 0.0

**3335. TV News Production.** [illegible] 2304.

**3357. Photojournalism.** [illegible] 2302, 2303.

**3358. New Media News.** [illegible] 2380.

**3360. Computer Assisted Reporting.** [illegible] 2313.

**3365. Investigative Reporting.** [illegible] 2313.

**3382. Feature Writing.** [illegible] 2313.

**3385. On-Air Reporting.** [illegible] 2313.

**3390. Literary Journalism.** [illegible] 100 [illegible]

**3396. History of Journalism.** [illegible] A [illegible] 21 [illegible]

**4300. Broadcast News Seminar.** A [illegible] 4320.

**4306. Business and Journalism.** [illegible] 2313.

08 current elore 4nd rCourse. Prac3/5 Tappleas 0 (71(easT*s, ibeal aennclship, accCou,.0052 Tc 0 Tw

**4344. Sports Journalism.**

2313.

**4345. Media and Politics.**

2312.

**4360. Women & Minorities in the Media.**

**4370. Law and Ethics in a High-Tech World.**

**4380. Objectivity and Bias.**

**4384. Advanced TV News.**

4320.

**4385. Graphics and Design.**

A

2312.

**4387. Arts Criticism.**

2313.

**4388. Print Design & Editorial Decision-Making.**

2312.

**4390. Advanced Web Mastery.** B

2380.

**4392. Journalism and Religion.**

2313.

**4393. Civil Rights and the Media.** 1950

B

**4394. Media Effects.** A

A

**4395. Public Affairs Reporting.**

2313.

**4396. International Reporting.**

A

2313.

**4397. Journalism in Latin America.**

A

**4101-2. Journalism Practica.**

**5110, 5210, 5310. Directed Study.**

**5301-4. Topics in Journalism.**

**4125, 4225, 4325. Internships in Journalism.**

**4302-5. Washington Term Directed Studies.**

**4326. Washington Term Internship.**

**5308. Honors Thesis.**

## MUSIC

**, Director**

**, Associate Director for Academic Affairs**

A **, Assistant Director for Admissions and Scholarships**

**Algur H. Meadows Professor of Violin and Chamber Music: ; Joel Estes Tate Professor of Piano:** A **; Professors:** B , B , A **; Associate Professors:** A **; Assistant Professors:** B , A **; Senior Lecturer: ; Lecturers:**

**Adjunct Lecturers:** ; **Mustang Band Staff:** ; **Accompanists:** ; **Vocal Coach:**

## Admission

## Facilities

18-20

5325 5326 4125 4126.

***Bac e.( f M c C***

| | ***C ed H*** |
|---|---|
| ( ) | 35 |
| A 1010( A 1020 - ) | 0 |
| 1129, 1130, 1229, 1230, 2129, 2130, 2229, 2230, 3350 | 15 |
| 3110, 4300, 4310, 5360 | 10 |
| 5370 | 3 |
| 1225, 1226, 2225, 2226, 3325, 3326, 4329, 4330 | 20 |
| 1202, 3301, 3302 | 8 |
| B 1131, 1132, 2131, 2132 ( 1233, 1234) | 4 |
| ( ) | 4 |
| 4201 | 2 |
| 3208 3209 | 2 |
| / B ( ) | 8 |
| B 3116( ) | |
| | 5 |
| | 9 |
| / | 3 |
| A | 125 |

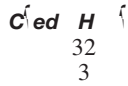
( ).

A

***Bac e.( f M c M c T e a***

| | ***C ed H*** |
|---|---|
| ( ) | 35 |
| : | |
| A 1301 | |
| B 1303 | |
| 1300 | |
| A 1010( A 1020 - ) | 0 |
| 1129, 1130, 1229, 1230, 2129, 2130, 2229, 2230 | 12 |
| 1202, 3301, 3302 | 8 |
| B 1131, 1132, 2131, 2132 ( 1233, 1234) | 4 |
| A 3152, 3155, 5110 | 3 |
| B 1203 2203 | 2 |
| ( ) | 10-12 |
| 3101 ( ) | 0-1 |
| 3208 3209 | 2 |
| ( ) / ( B) | 4 |
| | 11 |

| | Credit Hours |
|---|---|
| [illegible] 1120, 1220, 3211, 3212, 3213, 3214, 3141, 3142, 3143, 3144, 4340, 4341, 4144, 4145, 4141, 4142 | 25 |
| [illegible] 3332, 3382, 5334, 5355 | 12 |
| [illegible] 3380, 3383, 5388 | 3 |



**PERE 1113**
**PERE 1114**
**PERE 1115**
**PERE 1118**
**PERE 1119**
**PERE 3120**
**PERE 1176**
**PERE 3150**
**PERE 3173**

### *M cT e , H , a dL e a e*

**MUHI 1321** A
**MUHI 2310** B
**MUHI 3337**
**MUHI 3339** A
**MUHI 3340**
**MUHI 3341**
**MUHI 3342** A 19 -
**MUHI 4350**
**MUTH 4310** -A

### *P aeS de*

**MUPR. Specific Prefixes Indicate Instruments and Voice.** A

## Music Courses

### *M c Peda (MPED)*

**4184, 4284, 4384. Directed Study – Pedagogy.**

**4303. Guitar Pedagogy.**

**4305. Introduction to Instrumental Pedagogy.**

**4308. String Pedagogy I.** A A A 3146
3147

**4309. String Pedagogy II.** A
*E 4 08.*

**5114. Organ/Harpsichord Pedagogy.** A

**5216. Vocal Pedagogy I.** A

**5217. Vocal Pedagogy II.**
5216.

**3150. Low-Brass Techniques.** B

**3151. High-Brass Techniques.** B

**3152. Percussion Techniques.** B

**3155. Vocal Techniques.** B

**4230. General Music Practicum.**

3330.

**5110. Computers, Keyboards, and MIDI for Musicians.**

B

**5145. Piano Technology for Pianists.** B

**5154. Marching Band and Jazz Techniques.**

***C d c (MUCO)***

**3208. Fundamentals of Choral Conducting.** A

**3209. Fundamentals of Instrumental Conducting.**

A

**3339. Music for Contemporary Audiences.**

**3340. Jazz: Tradition and Transformation.**

**3341. Women and Music, "Like a Virgin:" From Hildegard to Madonna.**

**3342. Music, Musicians, and Audiences in 19th-Century Paris.**

**4192, 4292, 4392. Directed Studies in Music History.**

**4301. Research Project in Music History.**

**4346. Survey of Piano Literature.**

**4347. Symphonic Literature.** A

B A

**4348. Guitar History and Literature.**

16 B

**5210. Class Piano Procedures.**

**5312. Survey of Precollege Piano Literature.**

**5325, 5326. Piano Pedagogy Internship I and II.**

## *P a e S d e (MUPR)*

**3100. One-Credit Courses.** (14 )

**3200. Two-Credit Courses.** (14 )

B B

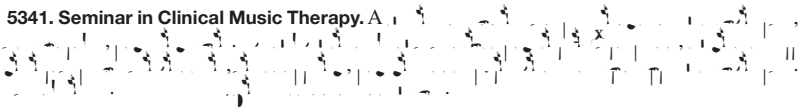
1 2

[illegible], 20[illegible] 1130, 1230. [illegible] 2229, 2230.

**2225, 2226. Composition.** [illegible]

**2229, 2230. Theory III and IV.**

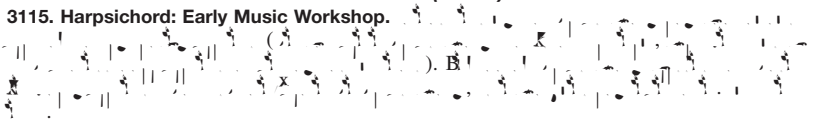
**5341. Seminar in Clinical Music Therapy.** A



## Class Instruction for Performance (PERB)

***Ha c d (PERB)***

**3115. Harpsichord: Early Music Workshop.**



**2205. Elementary Class Piano.**

B 1205

***V ce (PERB)***

**1206. Class Voice.** A

**2206. Class Voice.** A

B 1206.

**2106. Diction: Italian.**

**2108. Diction: English.**

**2107. Diction: German.**

**2109. Diction: French.**

**2017, 2117, 5017, 5117. Meadows Opera Workshop.**

**3310. Music Theatre Workshop.** A

**5101, 5201. Directed Studies in Voice.**

**5208. Advanced Acting for Voice Majors.**

***Pe f a ce E e b.e (PERE)***

***La e E e b.e (PERE)***

**1012, 1112. Mustang Marching Band.**

**1013, 1113. Meadows Chorale.** A

50-

**1014, 1114. Concert Choir.** A

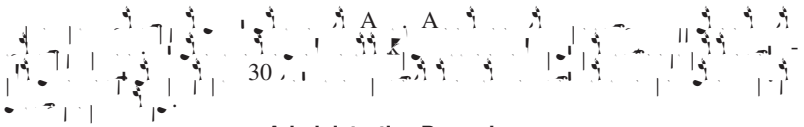
50-

**1018, 1118. Meadows Symphony Orchestra.**

**1019, 1119. Meadows Wind Ensemble.**

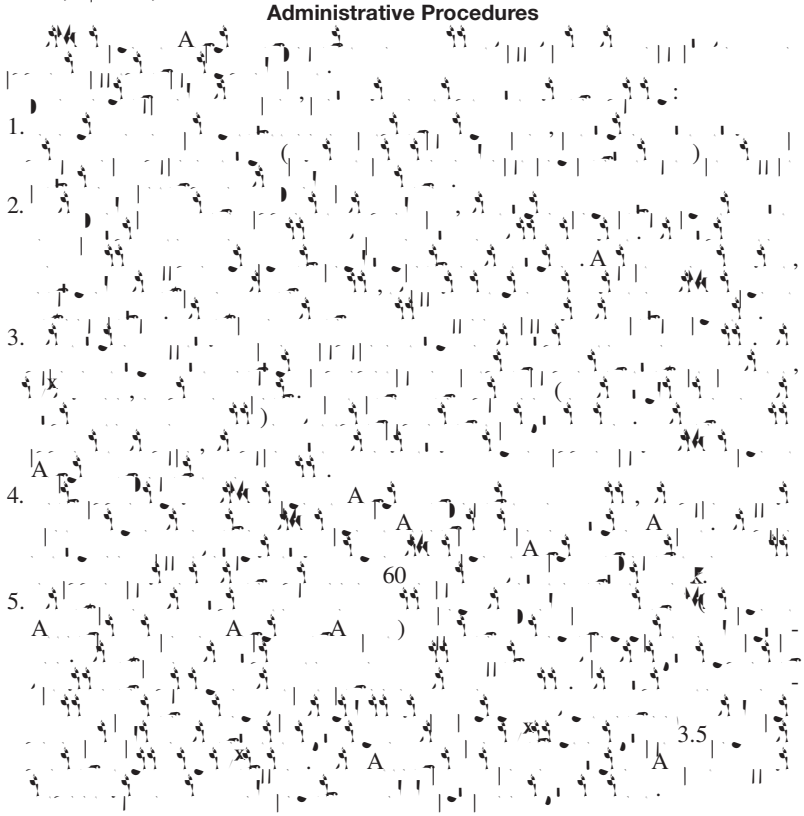
A

**1076, 1176. Choral Union.** A



30

**Administrative Procedures**



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THEATRE

**Associate Professor , Chair**

**Professors:**

| | C ed H |
|---|---|
| ( A 2263) | 2 |
| ( A 2140, 2141, 2142) | 3 |
| ( A 2240, 2241, 2242) | 6 |
| A ( A 2303, 2304) | 6 |
| ( A 2305, 2306) | 6 |
| ( A 2307, 2308) | 6 |
| ( A 2361) | 3 |
| A ( A 3303, 3304) | 6 |
| A ( A 2322) | 3 |
| ( A 3381, 3382) | 6 |
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| A | 123 |

**Bac e.. f F e A T ea e a S ec a.. a Ac**

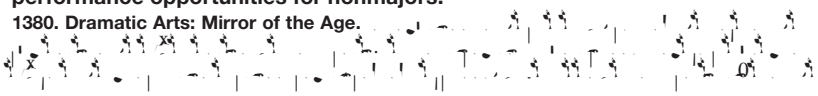
B A A

| | C ed H |
|---|---|
| | 35 |
| A ( A 1303, 1304) | 6 |
| ( A 2263) | 2 |
| ( A 2140, 2141, 2142) | 3 |
| ( A 2240, 2241, 2242) | 6 |
| A ( A 2303, 2304) | 6 |
| ( A 2305, 2306) | 6 |
| ( A 2307, 2308) | 6 |
| A ( A 2322) | 3 |
| ( A 2361) | 3 |
| A ( A 3303, 3304) | 6 |
| ( A 3205, 3206) | 4 |
| ( A 3207, 3208) | 4 |
| ( A 3381, 3382) | 6 |
| A ( A 4303, 4304) | 6 |
| ( A 4105, 4106) 2 | |
| ( A 4207, 4208) 4 | |
| B A ( A 4309) 3 | |
| | 9 |
| / | 3 |
| A | 123 |

## Theatre Courses Open to All University Students (THEA)

**. Please note: There are no performance opportunities for nonmajors.**

**1380. Dramatic Arts: Mirror of the Age.**



65

A 2240.

**2141. Scenery Running/Construction Crew.**

A 2241

65

A 2241.

**2142. Costume Running/Construction Crew.**

A 2242

65

A 2242.

**2240. Lighting Practicum.** A

**2241. Scenery Practicum.** A

**2242. Costume Practicum.** A

**2263. Stage Makeup.**

**2303. Acting I.**

**2304. Acting II.** B

A 2303.

**2305, 2306. Voice for the Stage I and II.**

**2307. Movement I.**

**2308. Movement for the Stage II.**

A 2307.

**2322. Text Analysis.**

**2324. Improvisation.**

**2361. Introduction to Stage Management.** A

A

**3011, 3012. Production.**

**3205, 3206. Voice for the Stage III and IV.**

**4303, 4304. Acting V and VI.** A

**4309. Business and Professional Aspects of the Theatre.** A

**4331. Playwriting III.** A

A 3332.

1925,

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B

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B

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## PROFESSIONAL ENGINEERING LICENSURE

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## PROGRAM INFORMATION

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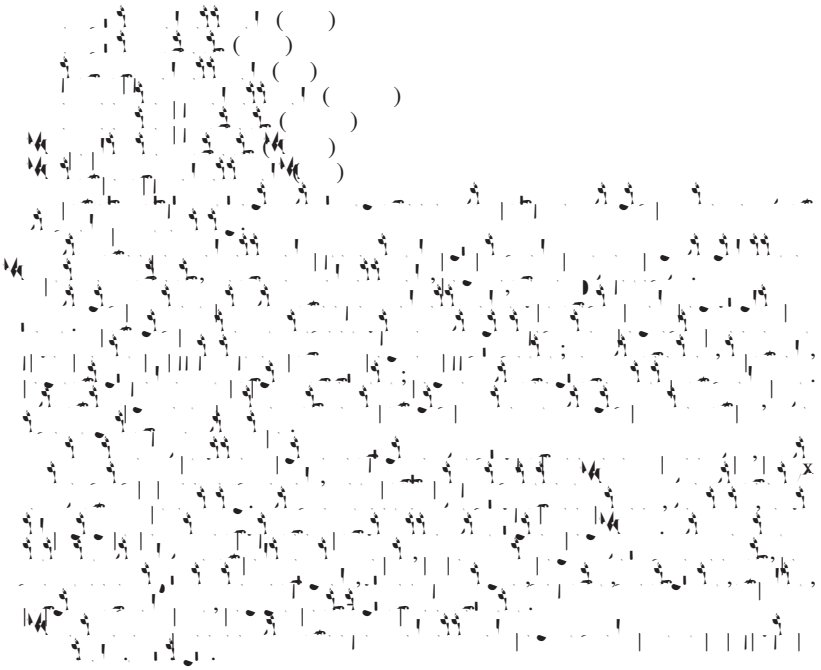

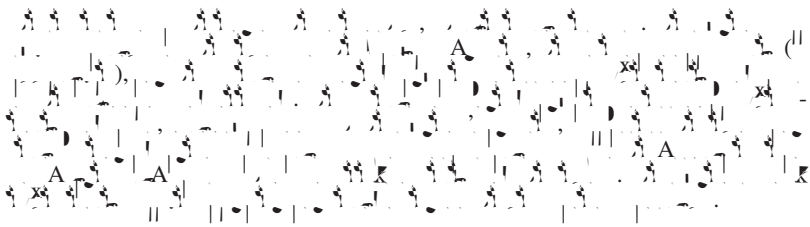

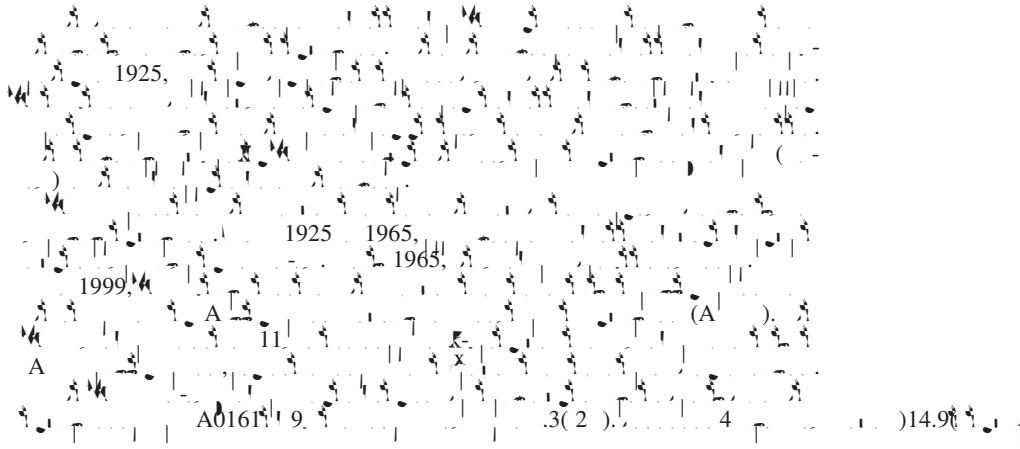

### When To Apply

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## POLICIES OF THE COOPERATIVE ENGINEERING EDUCATION PROGRAM

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- A
- B
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1099, 2099, 3099, 4099, 5099, 6099.

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## CO-OP CERTIFICATE

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A B 750181, 75275-0181.

214-768-3041.

HIGH SCHOOL PREPARATION

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15

## GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREES

B

1. A
2. A .A. 2.00
3. A .A. 2.00
4. A .A. 2.00
5. A 122 35-41

### Residence Requirements

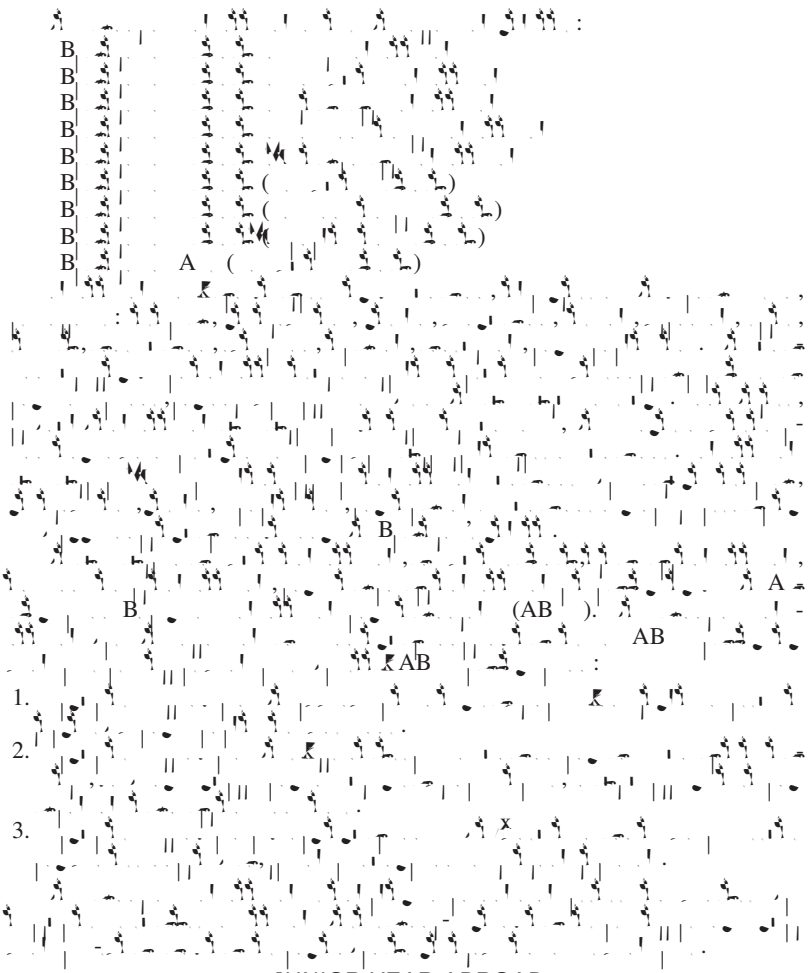
, 60
30
60
45

### The Major

A
A

## GENERAL EDUCATION PROGRAM

A



JUNIOR YEAR ABROAD

9.

## Degrees

B (122 )
B
(129 )
B (123 )
B A (122 )

A B. AB .

## Dual Degree Program

A B A B A

## 4+1 Master's Degree Program

4+1 B.
4+1

## Teaching Certification

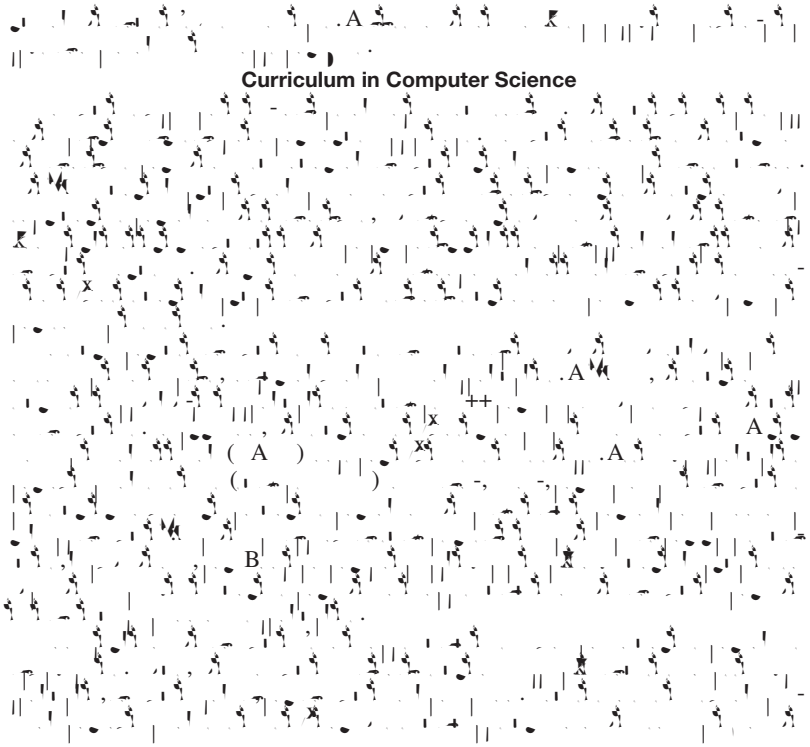
24 x
B.A.

## Game Development

B
AB

AB

## Curriculum in Computer Science



| Area | Related Course | TCH |
|---|---|---|
| | | 6 |
| ( .) | | |
| : | A 1337, 1338, 3353 | 9 |
| | 2353 | 3 |
| | 3365, 4340 | 6 |
| : | 1105, 1106, 1303, 1304 | 8 |
| | : | 6 |
| | A 2315, 2363 | |
| | B 1401, 1402 | |
| | 1113/1303, 1114/1304 | |
| | 1301, 1305, 1307, 1308, 1313 | |
| | 3305 | |
| : | 1341, 2240, 2341, 3381, 3342, 3345, 3353, 3358, 4344, 4345, 4346*, 4381, 5343 | 38 |
| | (* 5367 4346) | |
| : | | 14 |
| | **Research:** 5350, 4397 | |
| | A 4000 | |
| | **Game Development:** 5161, 5162, 5263, 5264, 5265, 5266, 5367, 5167 | |
| | ( .) | |
| | **Security:** 5339, 5349 | |
| | A 4000 | |
| | **General:** A 3 4000 | |
| | **Free Electives:** A | |
| : | 4360, 3308, 3302 | 9 |
| : | | 2 |
| | | 122 |

## Bachelor of Science with a Major in Computer Science with Premedical Specialization

*C c Re e e :*

| Area | Related Course | TCH |
|---|---|---|
| : | 1301, 1302 | 6 |
| | | 9-12 |
| | | 3-6 |
| ( .) | | 15 |

| Area | Required Course | TCH |
|---|---|---|
| [illegible]: | A [illegible] 1337, 1338, 3353 | 9 |
| | 2353 | 3 |
| | 3365, 4340 | 6 |
| [illegible]: | [illegible] 1105, 1106, 1303, 1304 | 8 |
| | B [illegible] 1401, 1402, 3304, 3350 | 14 |
| | [illegible] 1303, 1304; 1113; 1114; 3117; 3118; 3371, 3372 | 16 |
| [illegible]: | 1341, 2240, 2341, 3381, 3342, 3345, 3353, 3358, 4344, 4345, 4346, 4381, 5343 | 38 |
| 3 [illegible]: | 5314, 5320, 5330, 5339, 5341, 5342, 5344, 5345, 5348, 5349, 5350, 5359, 5376, 5380, 5381, 5382, 5385, 5387 | 3 |
| [illegible]: | 4360, [illegible] 3308, 3302 | 9 |
| [illegible]: | | 2 |
| | | 129 |

## Bachelor of Arts with a Major in Computer Science

### Computer Science Required Courses

| Area | Required Course | TCH |
|---|---|---|
| [illegible]: | 1301, 1302 | 6 |
| | [illegible] | 15 |
| | [illegible] | 6 |
| ([illegible]) | | |
| [illegible]: | A [illegible] 1337, 1338 | 6 |
| | 2353 | 3 |
| | A 2331 | 3 |
| [illegible]: | [illegible] 1313 | 3 |
| | [illegible]: A [illegible] 2315, 2363<br>B [illegible] 1303, 1305, 1308, 1401, 1402<br>[illegible] 1301, 1303, 1304,<br>1301, 1305, 1307, 1308, 1313<br>[illegible] 1303, 1304, 1314, 3305 | 3 |
| [illegible]: | 1341, 2240, 2341, 3381, 3342, 3345, 3358, 4344, 4345, 4346, 4381, 5343 | 35 |
| [illegible]: | 5314, 5320, 5330, 5339, 5341, 5342, 5344, 5345, 5348, 5349, 5350, 5359, 5376, 5380, 5381, 5382, 5385, 5387 | 6 |
| [illegible]: | 4360, [illegible] 3308, 3302 | 9 |
| [illegible]: | [illegible] | 25 |
| [illegible]: | | 2 |
| | | 122 |

## Minor In Computer Science

A

***Re e :***

**CSE 1341**
**CSE 2341**
**CSE 2353**
**CSE 3358**

***E.ec e C e :***

A 3000
A

## Curriculum in Computer Engineering

B

## Bachelor of Science with a Major in Computer Engineering

***C c Re e e***

| ***A ea*** | ***Re ed C e*** | ***TCH*** |
|---|---|---|
| : | 1301, 1302 | 6 |
| | | 9-12 |
| | | 3-6 |
| ( .) | | 15 |
| : | A 1337, 1338, 2343, 3353 | 12 |
| | 2353, 3365, 4340 | 9 |
| : | 1106, 1303, 1304 | 7 |
| | 1303 | 3 |
| | 1304; B 1401, 1402, 1301, 3305 | 3 |
| : | 4360, 3308, 3302 | 9 |
| : | 1341, 2240, 2341, 3353, 3358, 3381, 4344, 4381, 5343, 2122, 2322, 2350 | 33 |
| : | | 12 |

**Hardware:** 4386
:
5380, 5381, 5385 5385, 5387

**Software Engineering:** 3345, 4345, 4346, 5314 5316 5319

**5167 (HGAM 6270) Game Development Pipeline.**

**5263 (HGAM 6221) Mathematical Methods of Game Physics I.**

**5264 (HGAM 6222). Mathematical Methods of Game Physics II.**

**5265 (HGAM 6311) Software Development for Games I.**

**5266 (HGAM 6312) Software Development for Games II.**

**5311. Fundamentals of Computer Science.**

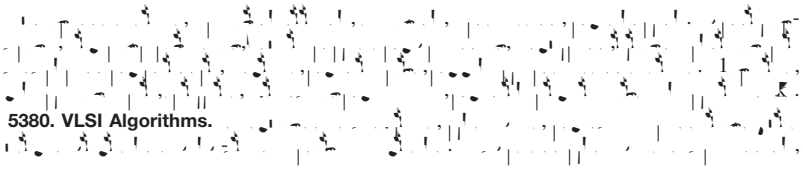
**5314. Software Testing and Quality Assurance.**

**5316 Software Requirements.**

**5319 Software Architecture and Design.**

A 3342 3358.

**5330. File Organization and Database Management.** A



**5380. VLSI Algorithms.** 0.093 9

3 3 x 3
3 3
: 5343.

## ELECTRICAL ENGINEERING

**Professor , Chair**

**Professors:** .B A. ,A ,B ; **Associate Professors:** A. ; **Assistant Professors:** ; **Adjunct Professors:** B ; **Adjunct Associate Professors:** ; **Adjunct Assistant Professors:** B ,A x B ,A, ; **Emeritus Professors:** . A ; **Senior Lecturer:** A.

5.

6.

B. B

1. **Biomedical Engineering –**
2. **Communications and Information Technology –**
3. **Control Systems –**
4. **Digital Signal Processing –**
5. **Image Processing and Computer Vision –**
6. **Lasers, Optoelectronics, Electromagnetic Theory and Microwave Electronics**
7. **Solid State Circuits, Computer Aided Circuit Design, and VLSI Design –**
8. **Electronic Materials and Solid State Devices –**

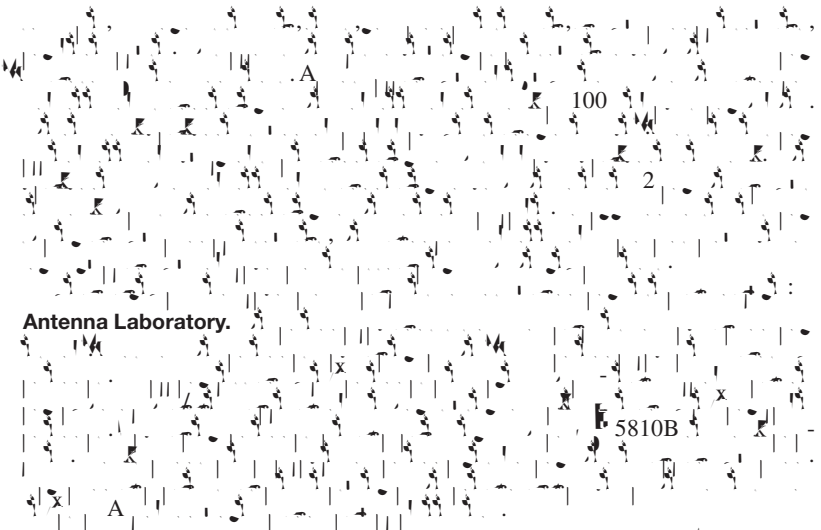
A A A

9. **Telecommunications –**

**Department Facilities**

A

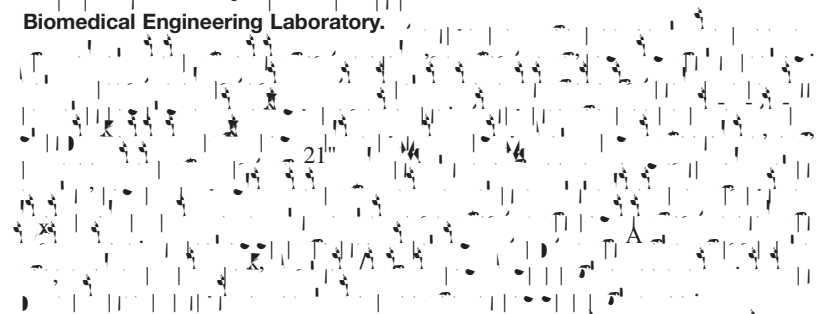
356 B



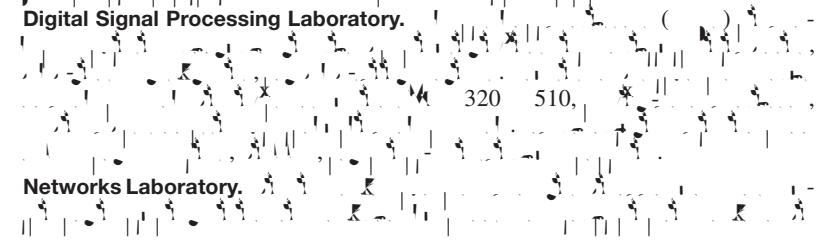
**Antenna Laboratory.**



**Biomedical Engineering Laboratory.**



**Digital Signal Processing Laboratory.**



**Networks Laboratory.**